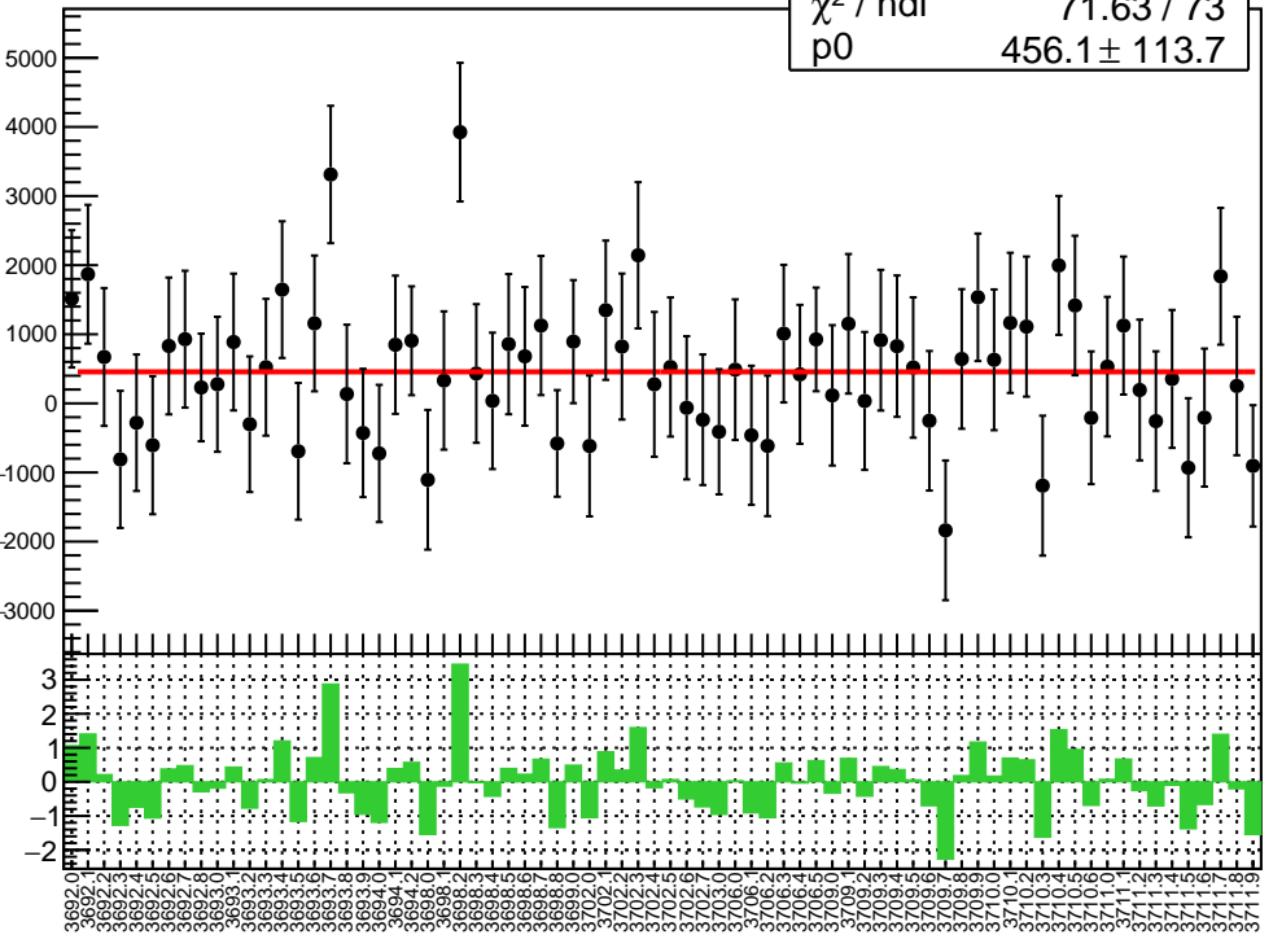
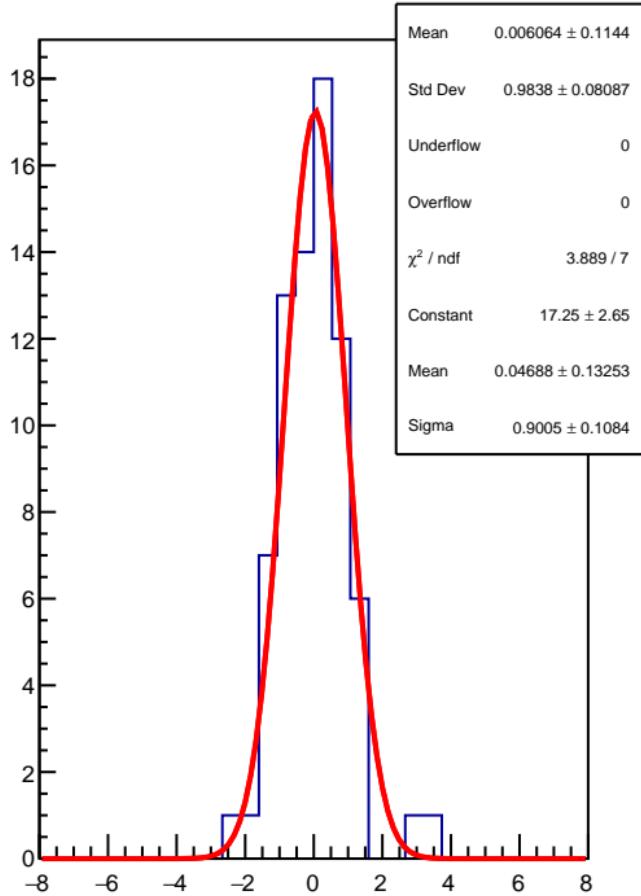


Adet (ppb)

χ^2 / ndf 71.63 / 73
p0 456.1 ± 113.7

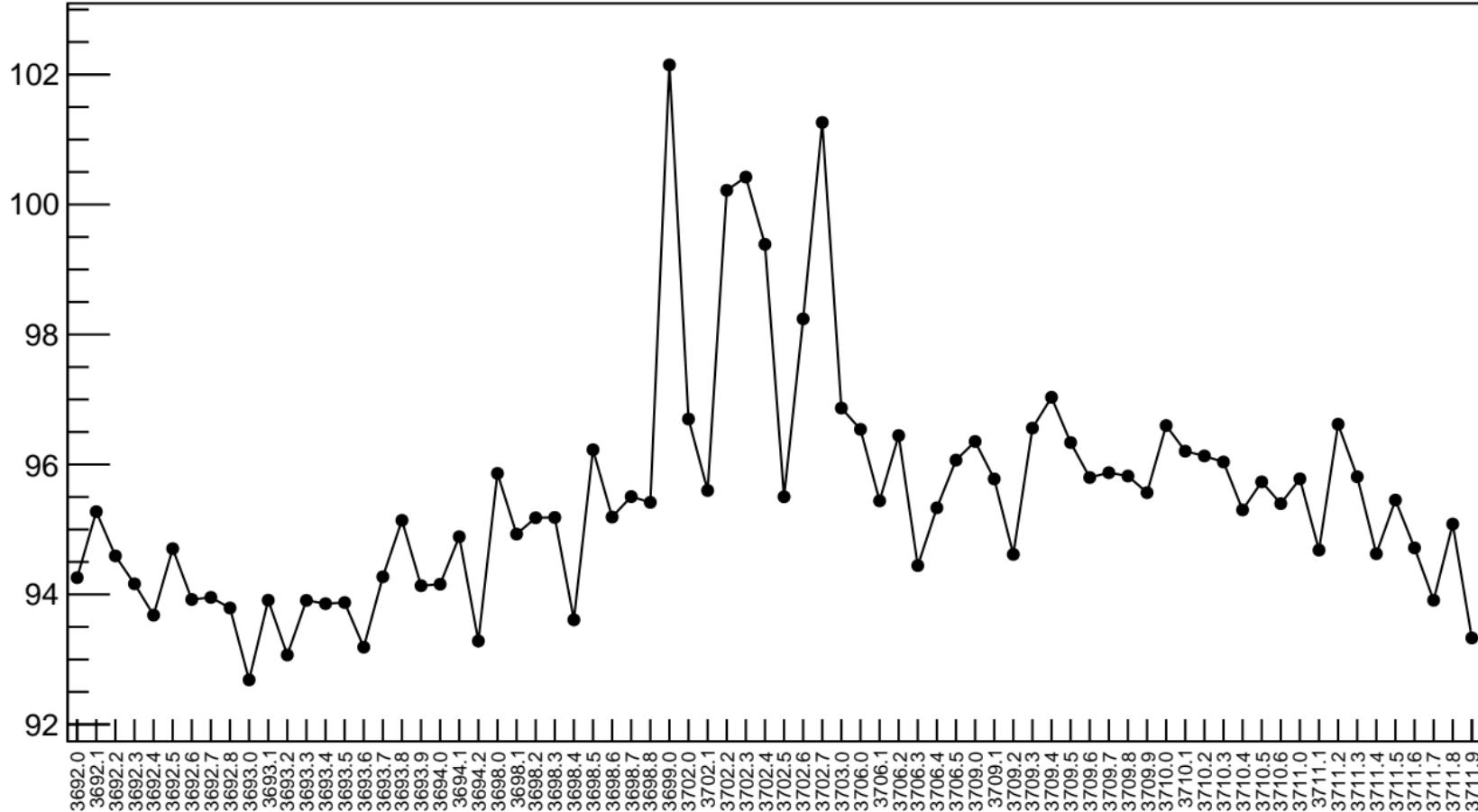


1D pull distribution

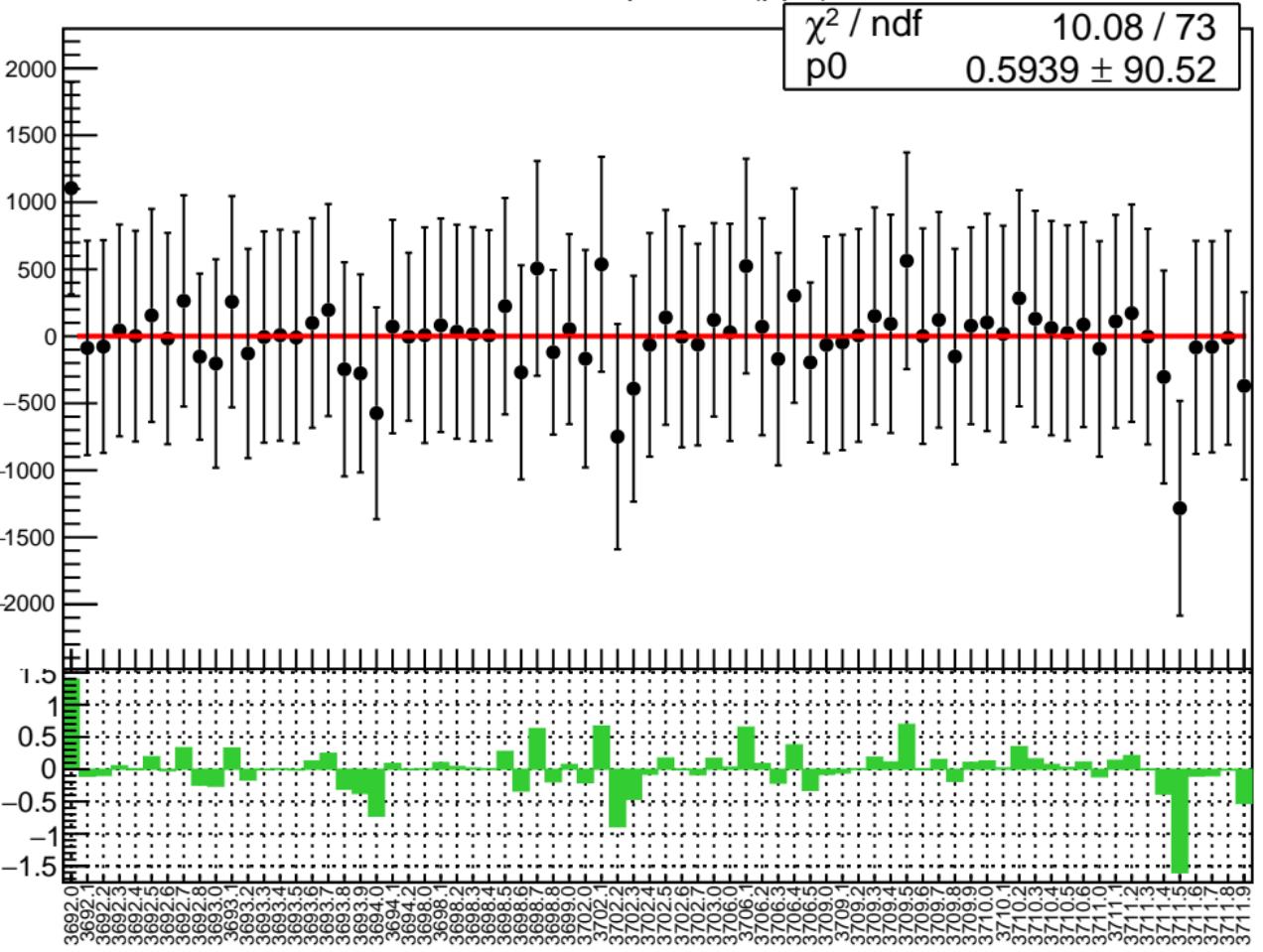


Adet RMS (ppm)

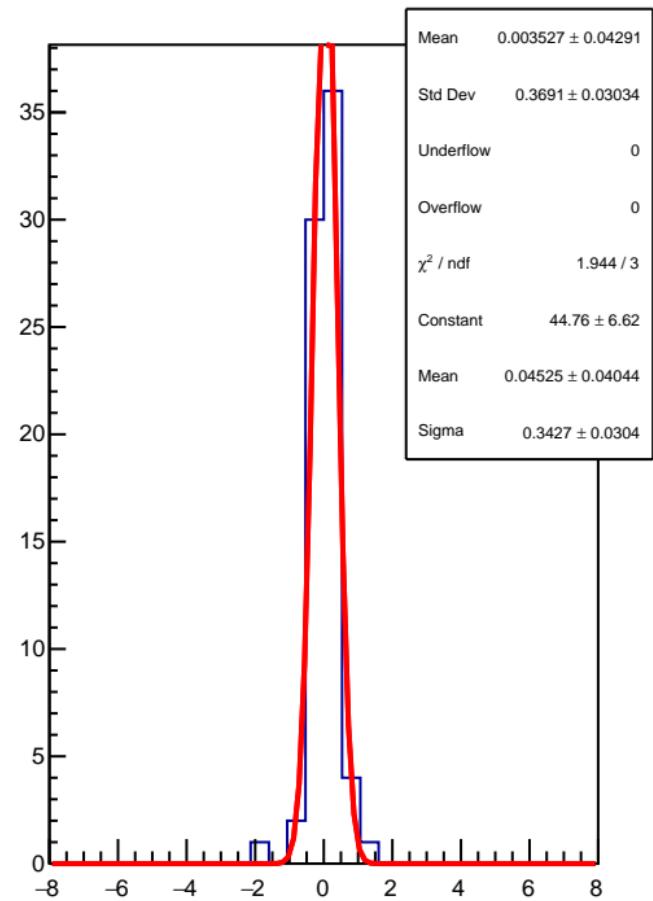
RMS (ppm)



corr_Adet_bpm4eX (ppb)

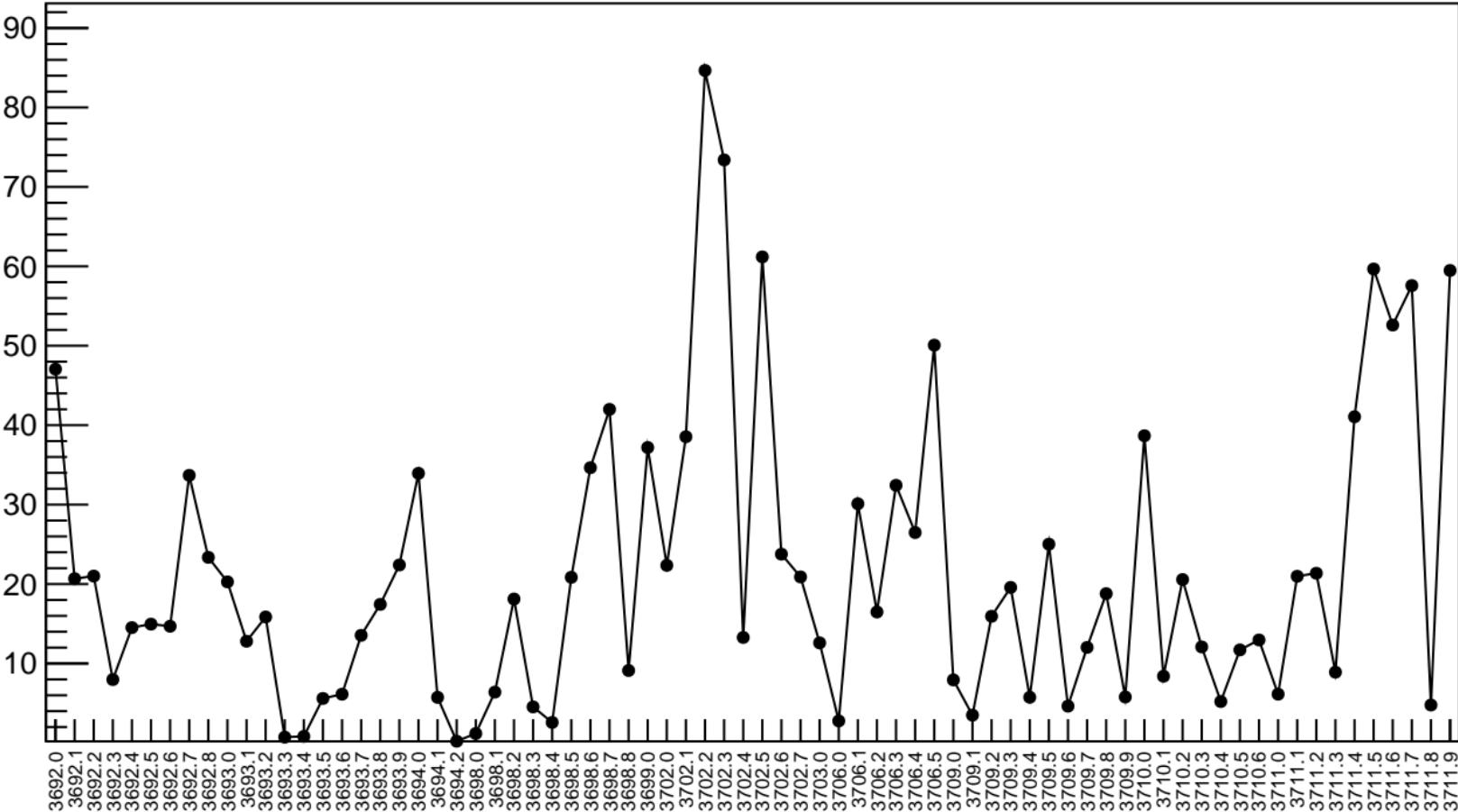


1D pull distribution

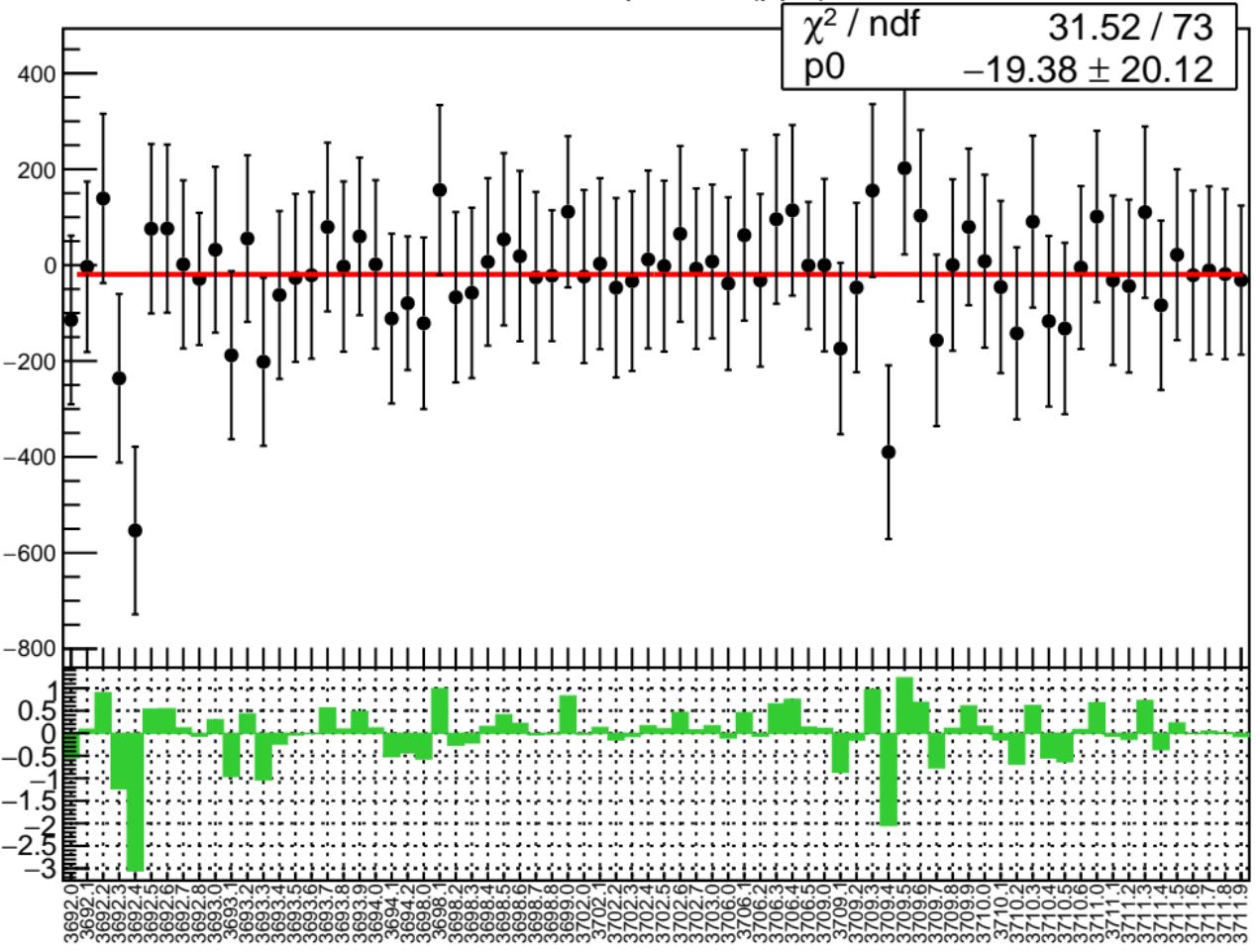


corr_Adet_bpm4eX RMS (ppm)

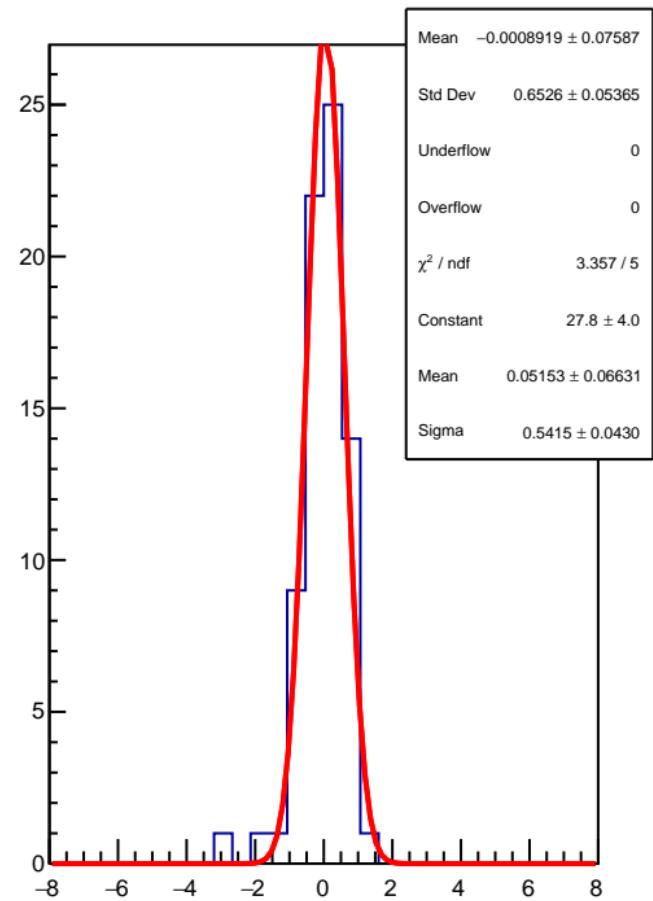
RMS (ppm)



corr_Adet_bpm4eY (ppb)

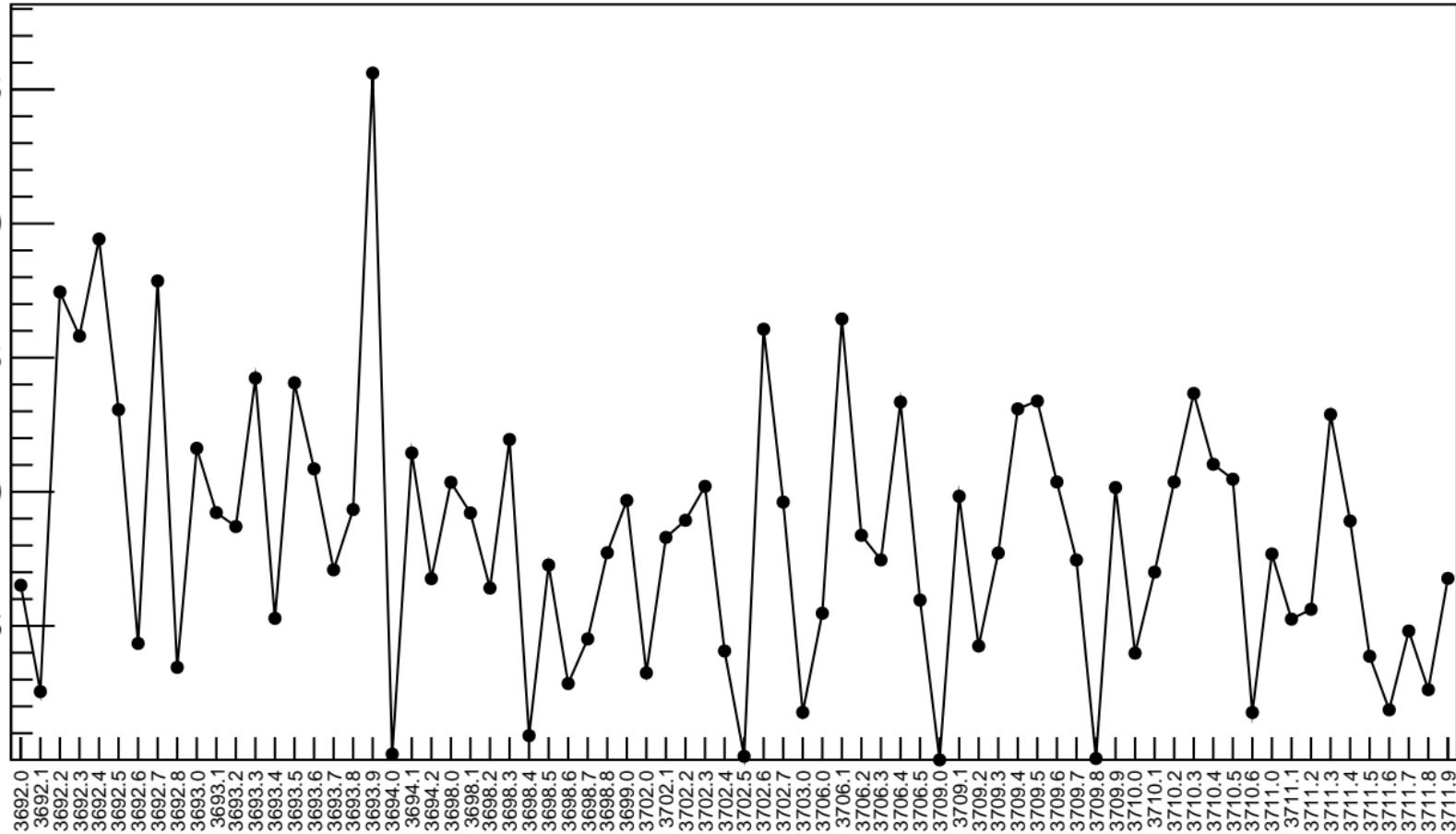


1D pull distribution



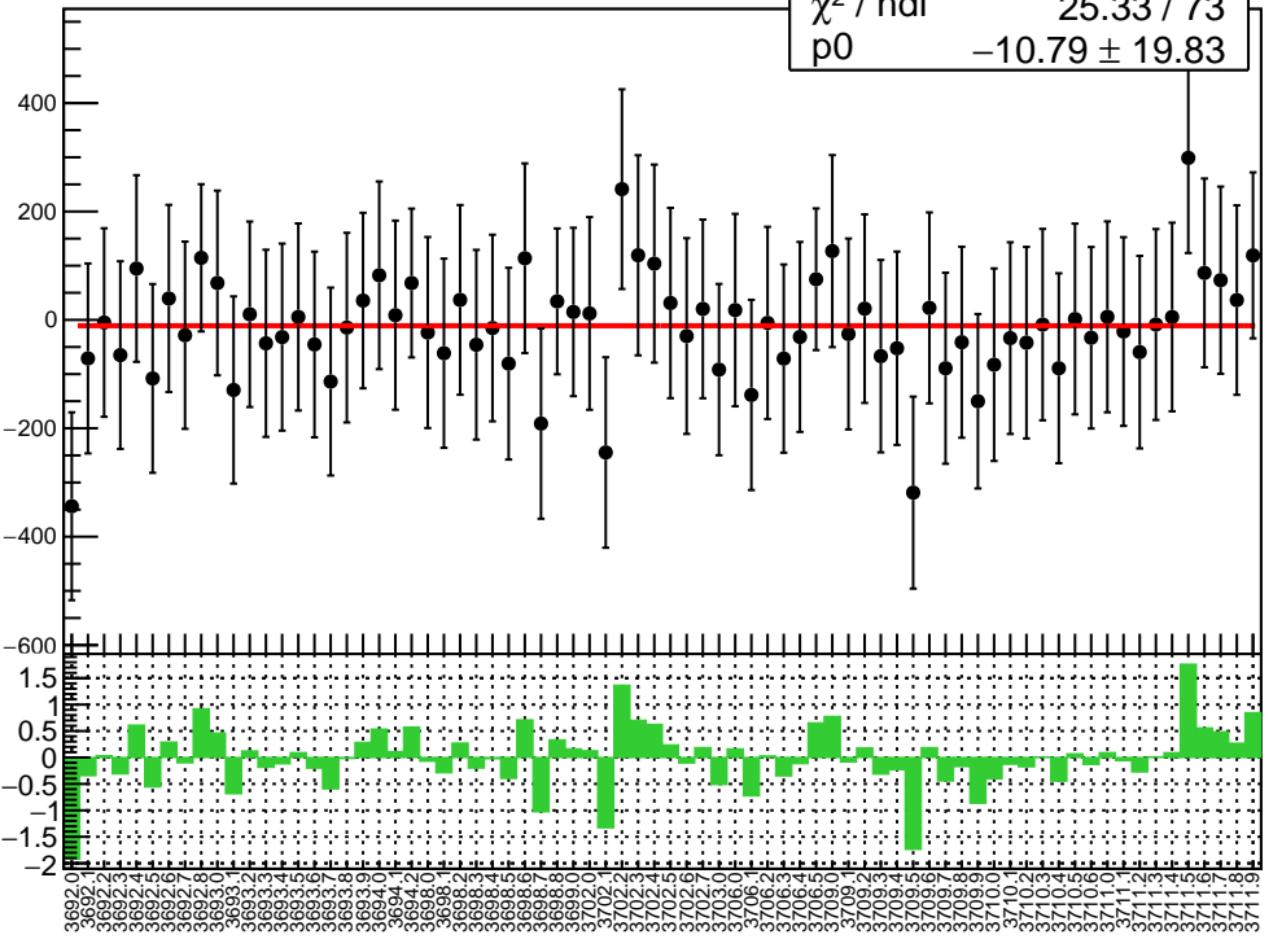
corr_Adet_bpm4eY RMS (ppm)

RMS (ppm)

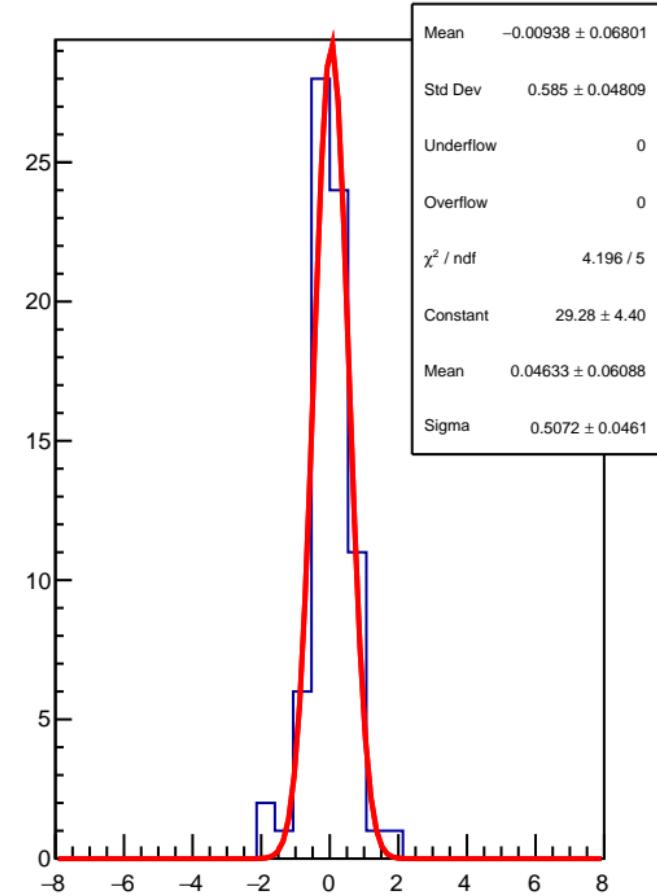


corr_Adet_bpm4aX (ppb)

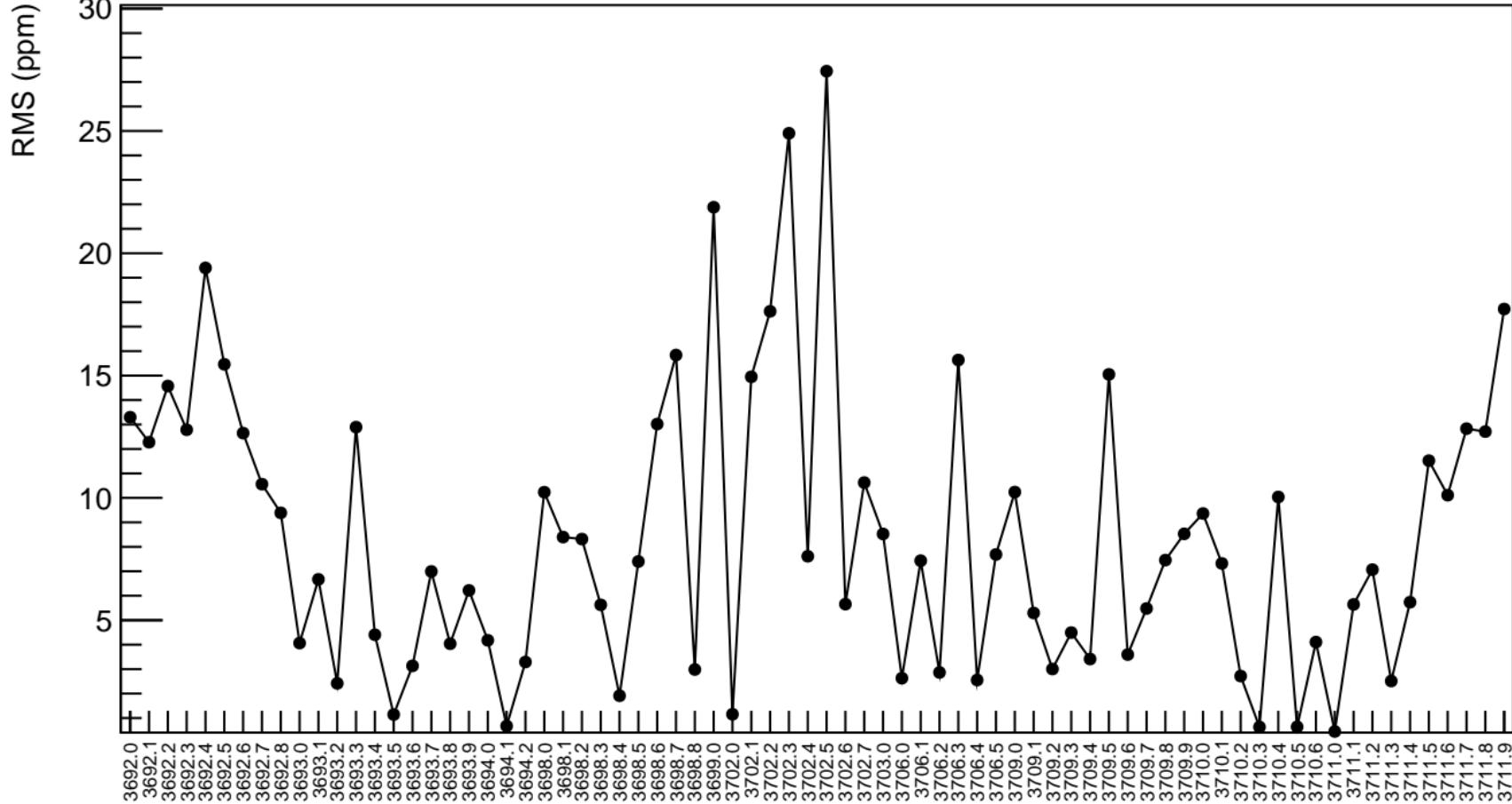
χ^2 / ndf 25.33 / 73
 p_0 -10.79 ± 19.83



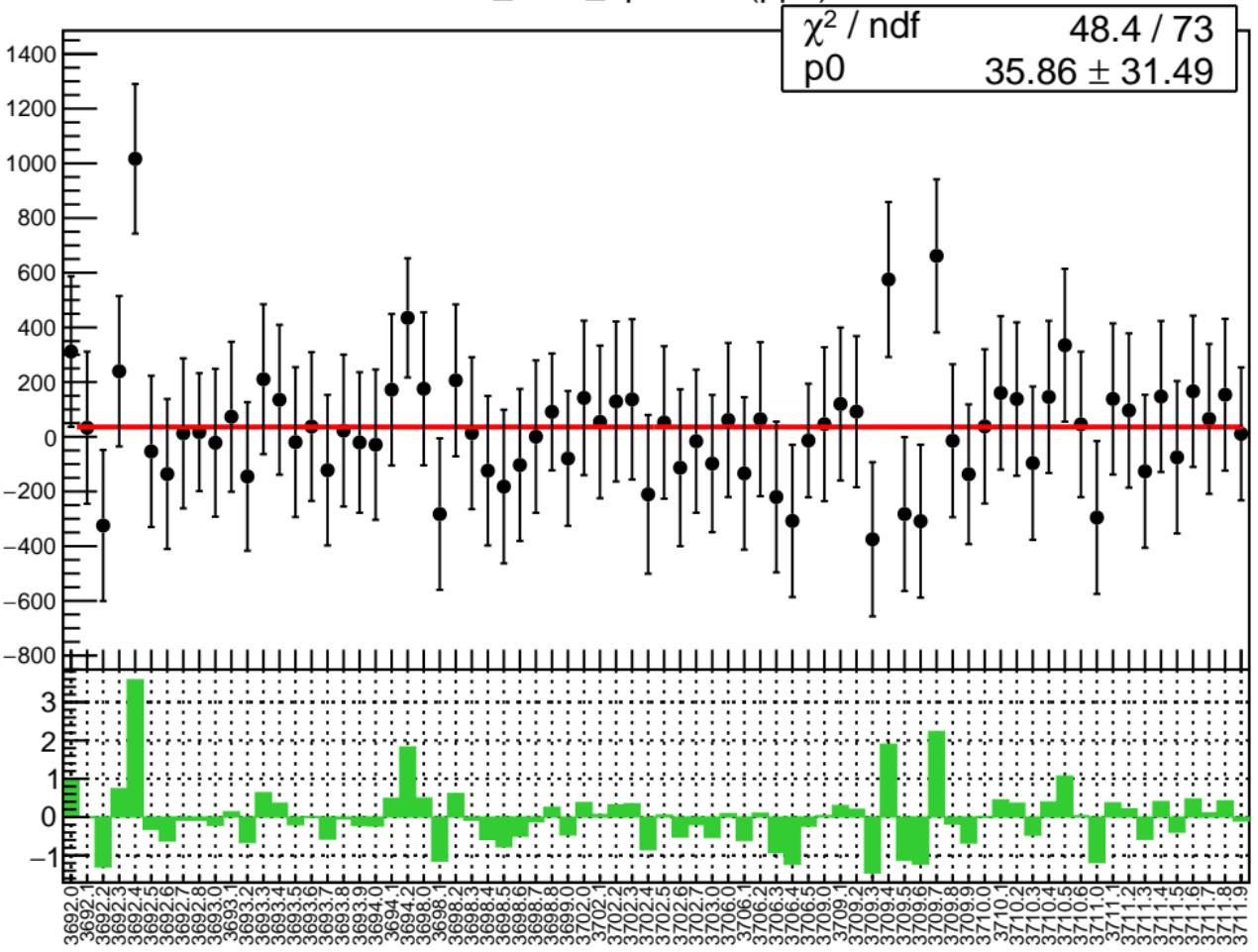
1D pull distribution



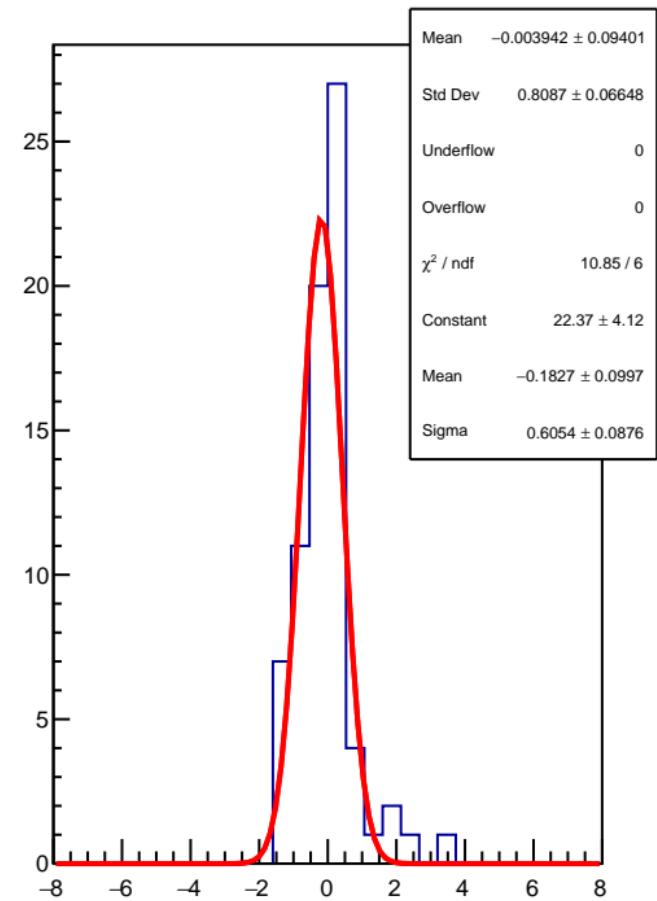
corr_Adet_bpm4aX RMS (ppm)



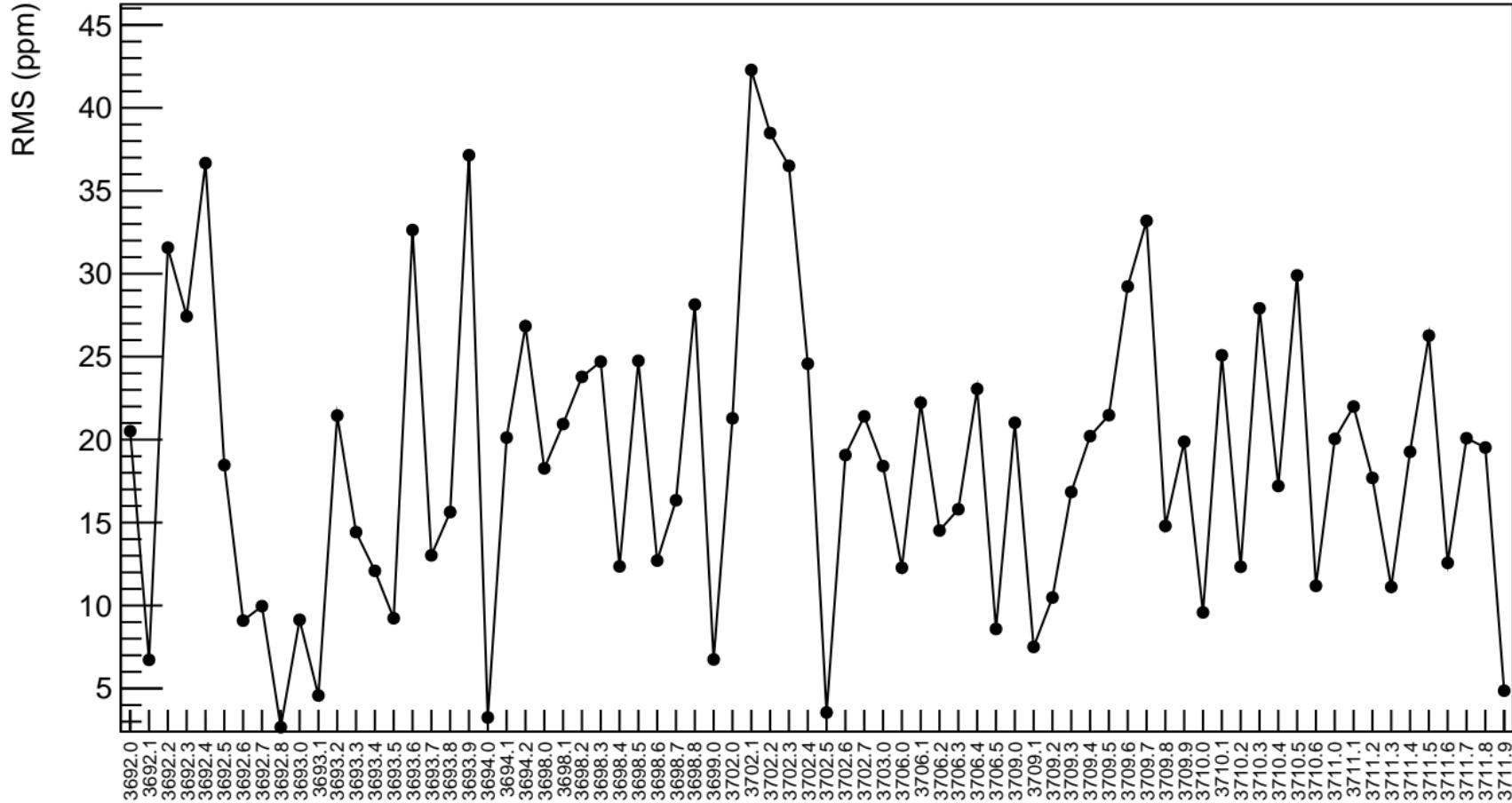
corr_Adet_bpm4aY (ppb)



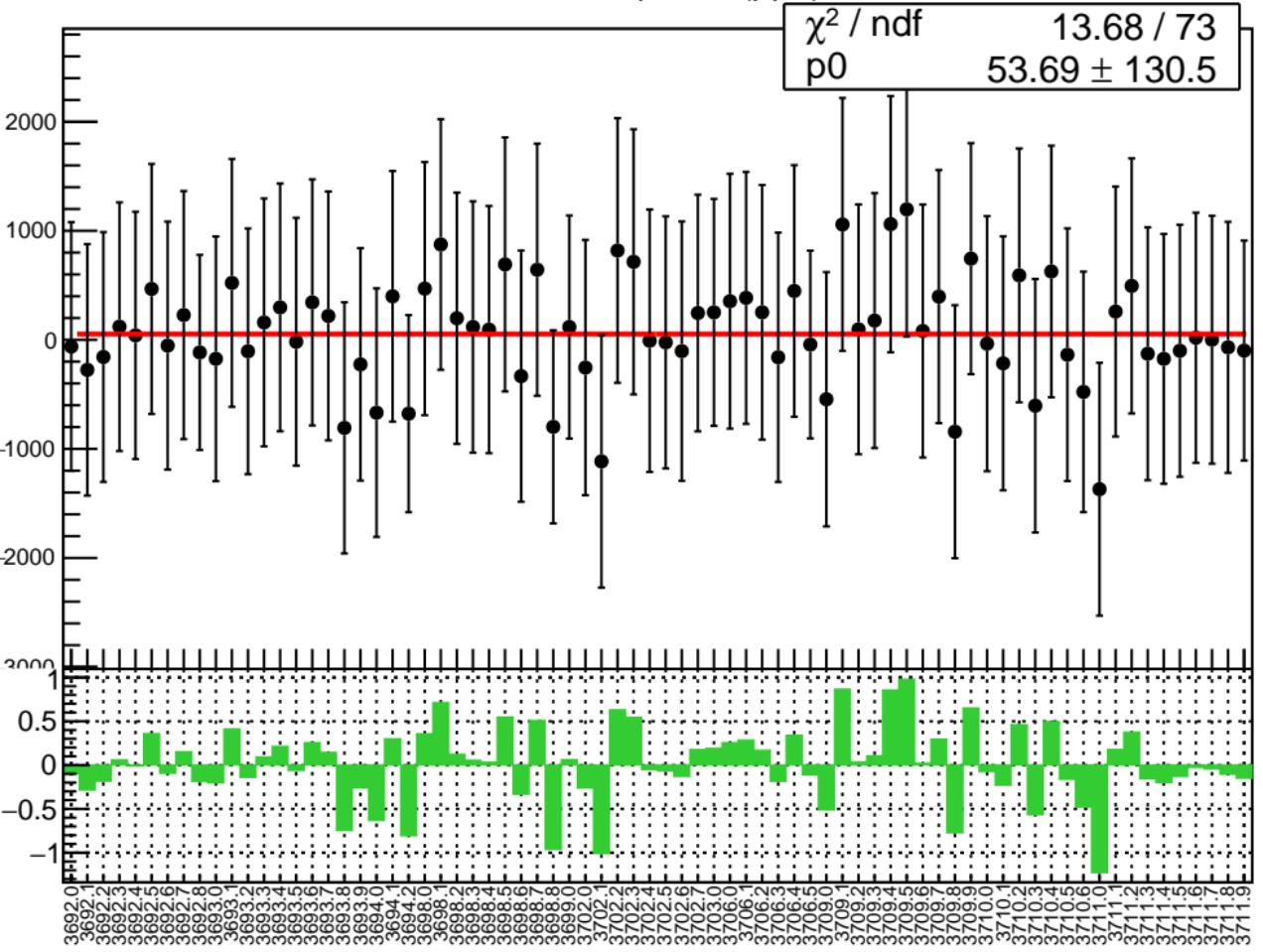
1D pull distribution



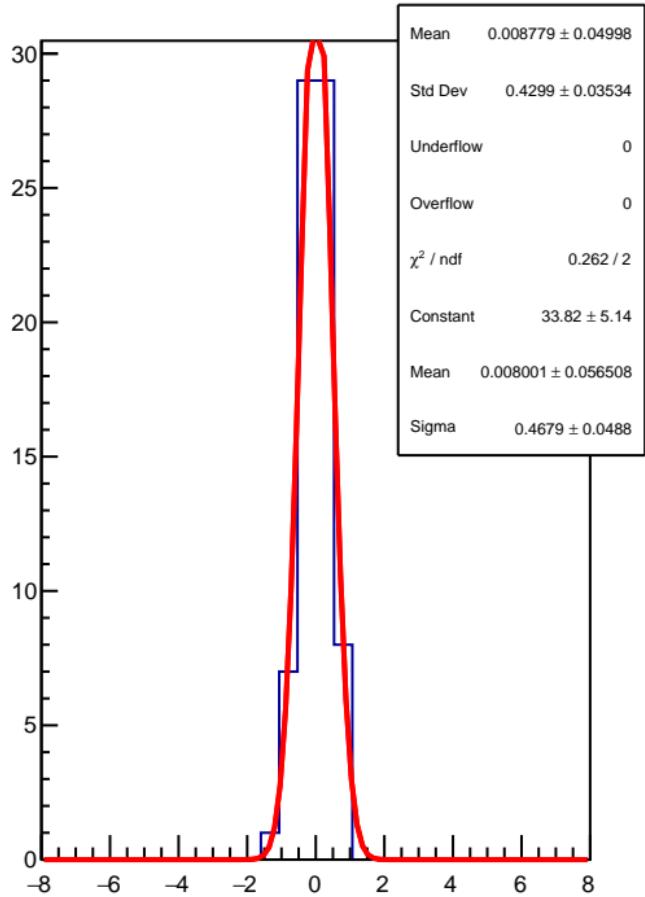
corr_Adet_bpm4aY RMS (ppm)



corr_Adet_bpm1X (ppb)

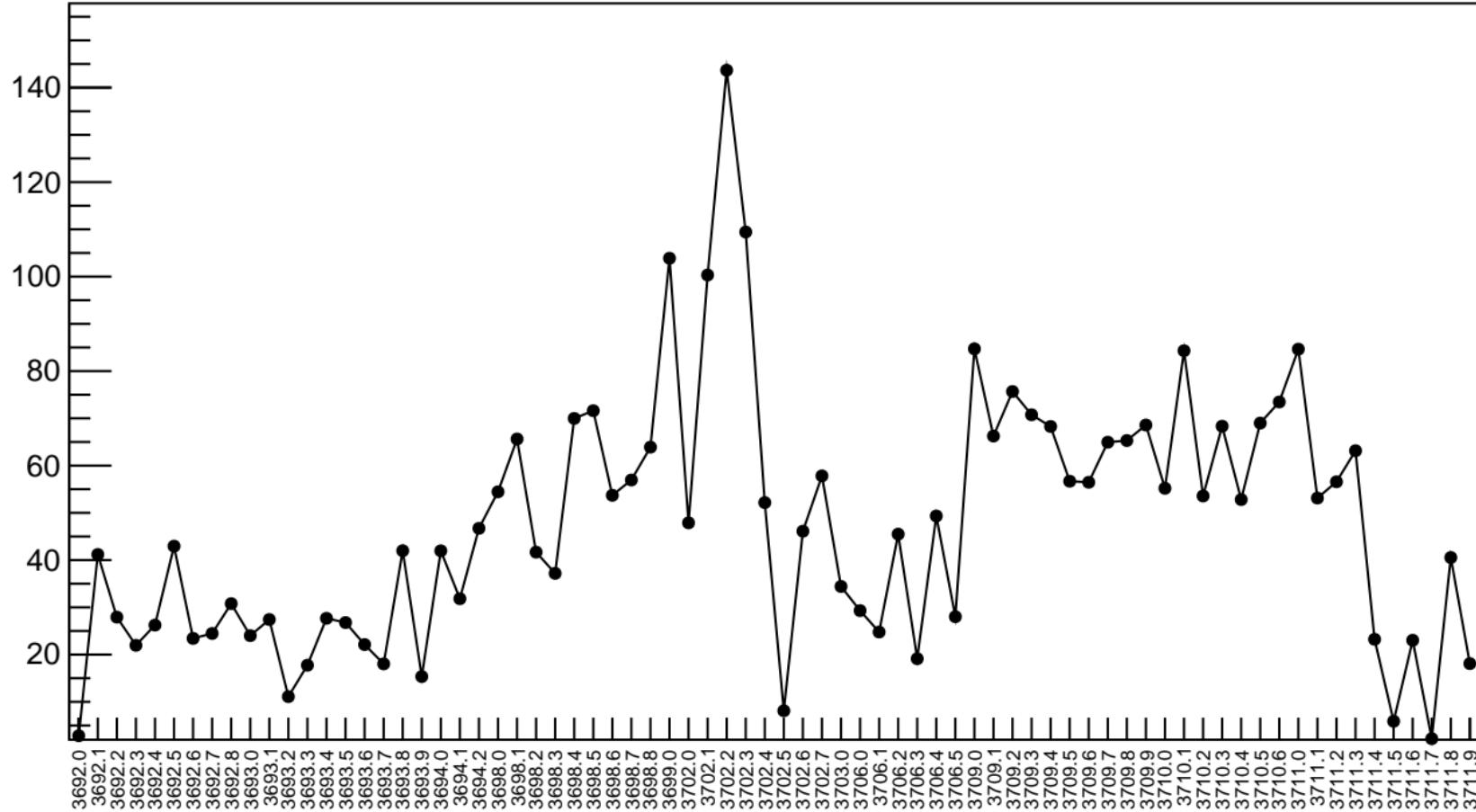


1D pull distribution



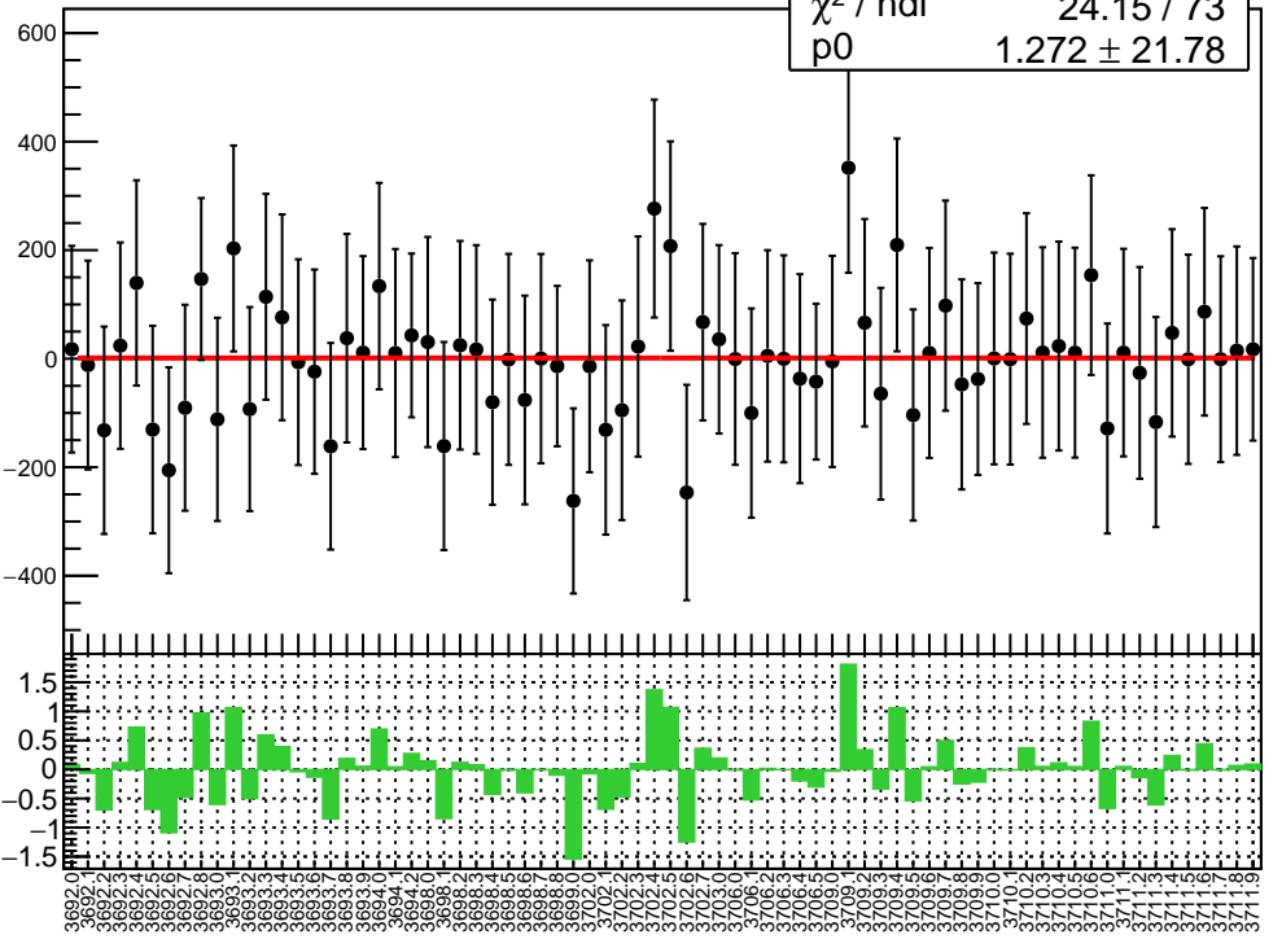
corr_Adet_bpm1X RMS (ppm)

RMS (ppm)





χ^2 / ndf 24.15 / 73
p0 1.272 ± 21.78



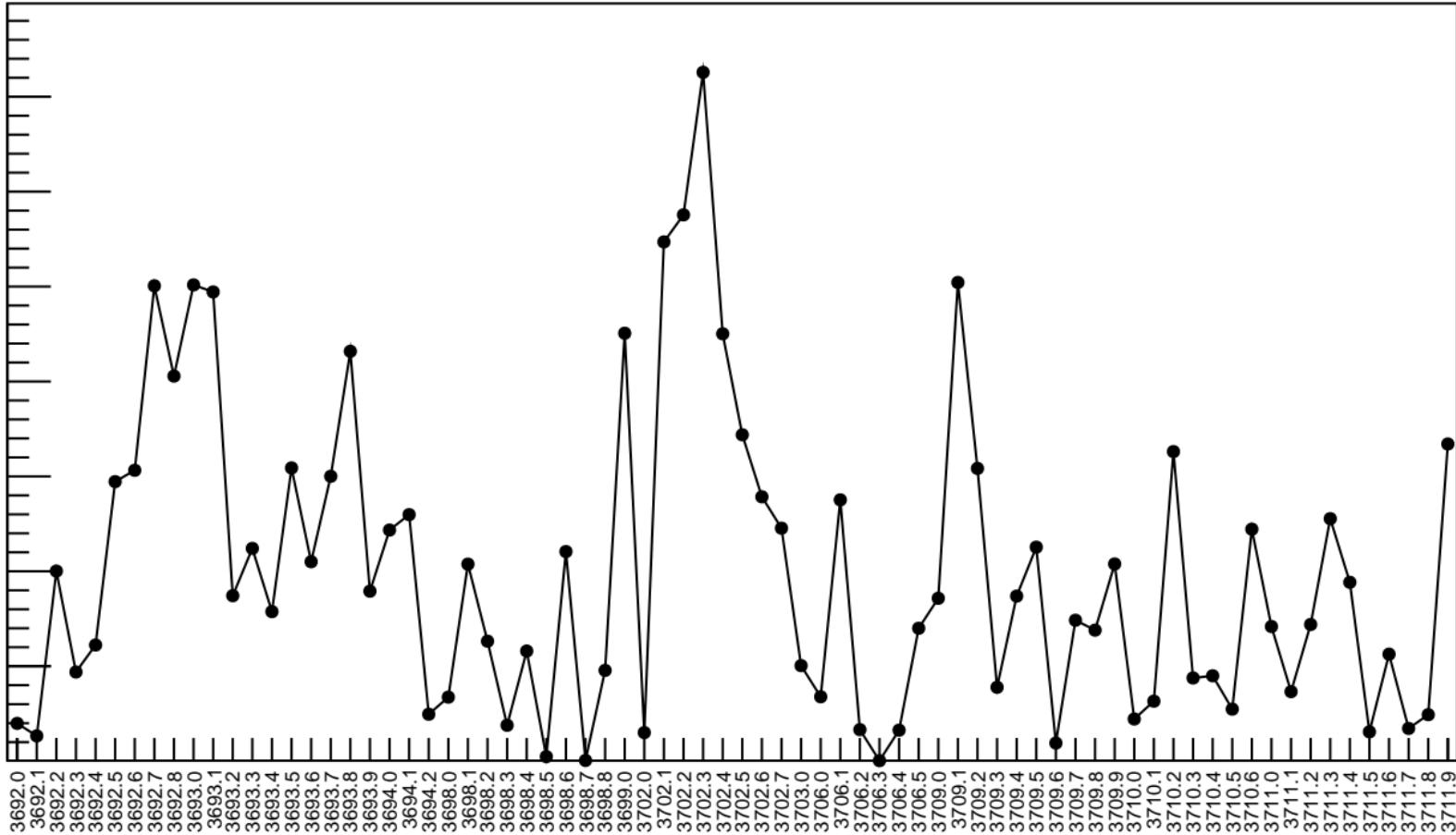
1D pull distribution

A histogram of a dataset with a red curve fit. The x-axis ranges from -8 to 8, and the y-axis ranges from 0 to 25. The distribution is centered near zero, with a peak frequency of approximately 27. The histogram bars are blue, and the curve is red. A legend box on the right contains the following information:

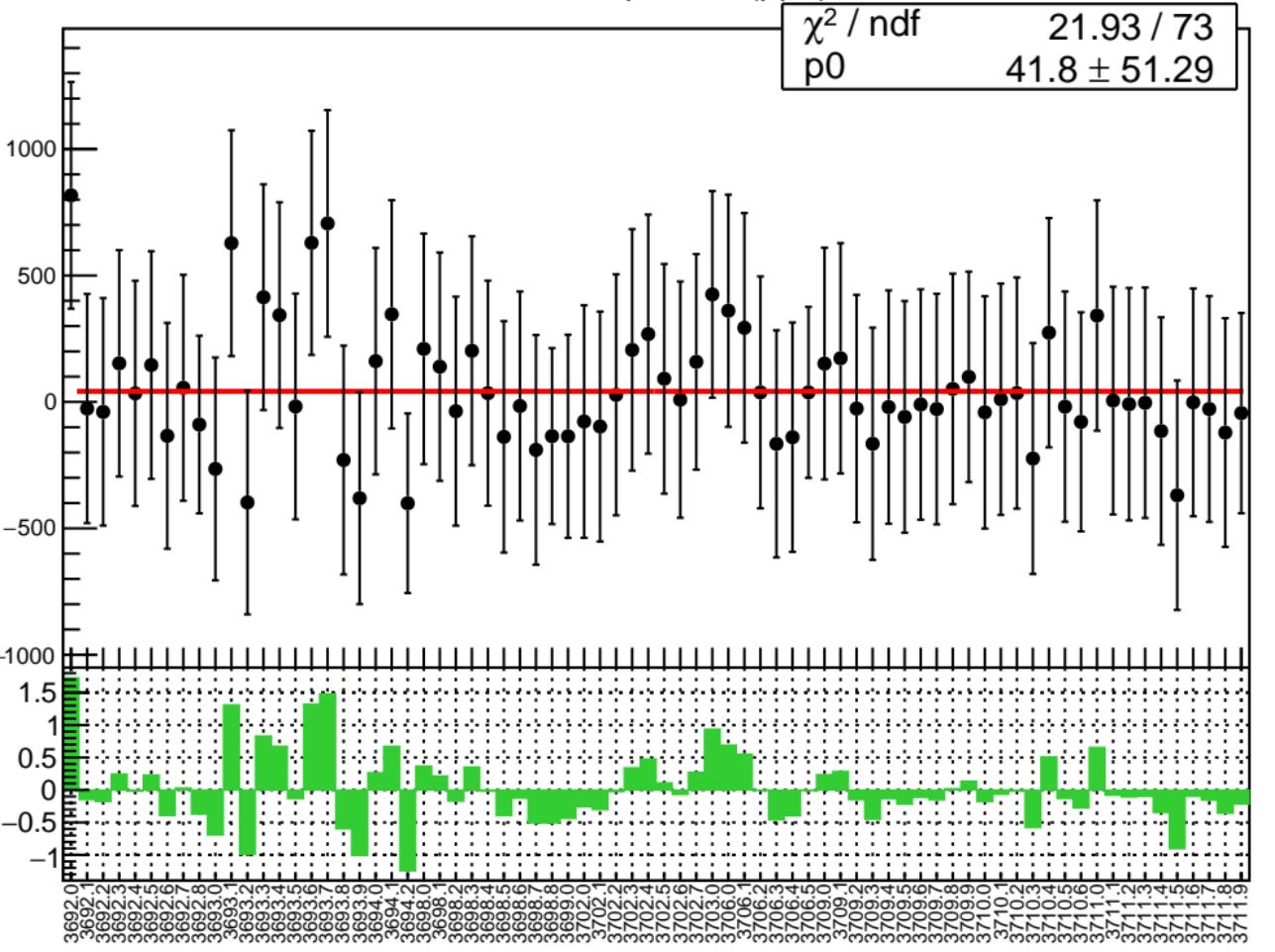
Mean	-0.0009584 ± 0.06641
Std Dev	0.5713 ± 0.04696
Underflow	0
Overflow	0
χ^2 / ndf	2.591 / 4
Constant	27.63 ± 4.67
Mean	-0.03788 ± 0.06609
Sigma	0.5509 ± 0.0677

corr_Adet_bpm1Y RMS (ppm)

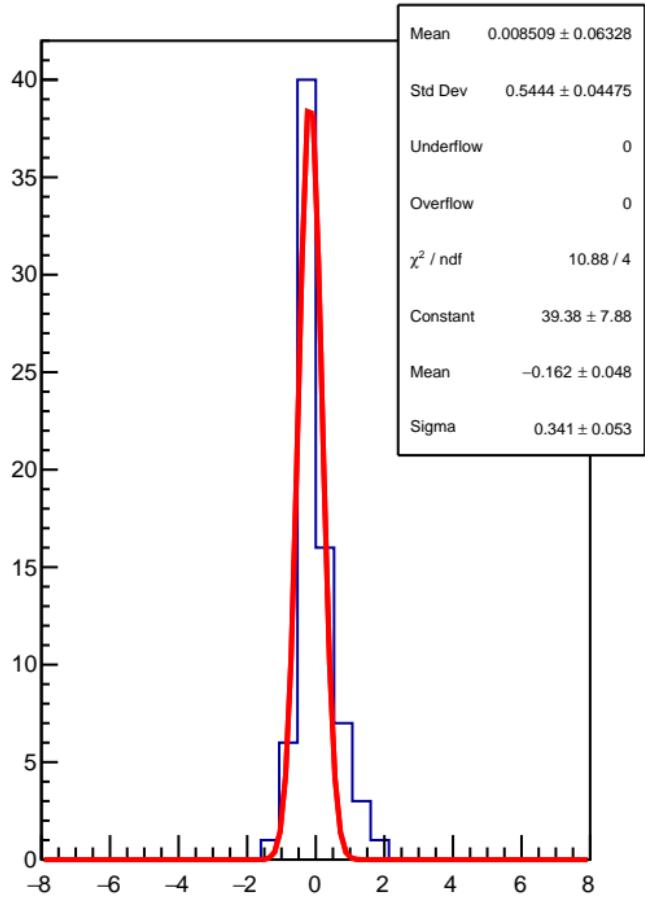
RMS (ppm)



corr_Adet_bpm16X (ppb)

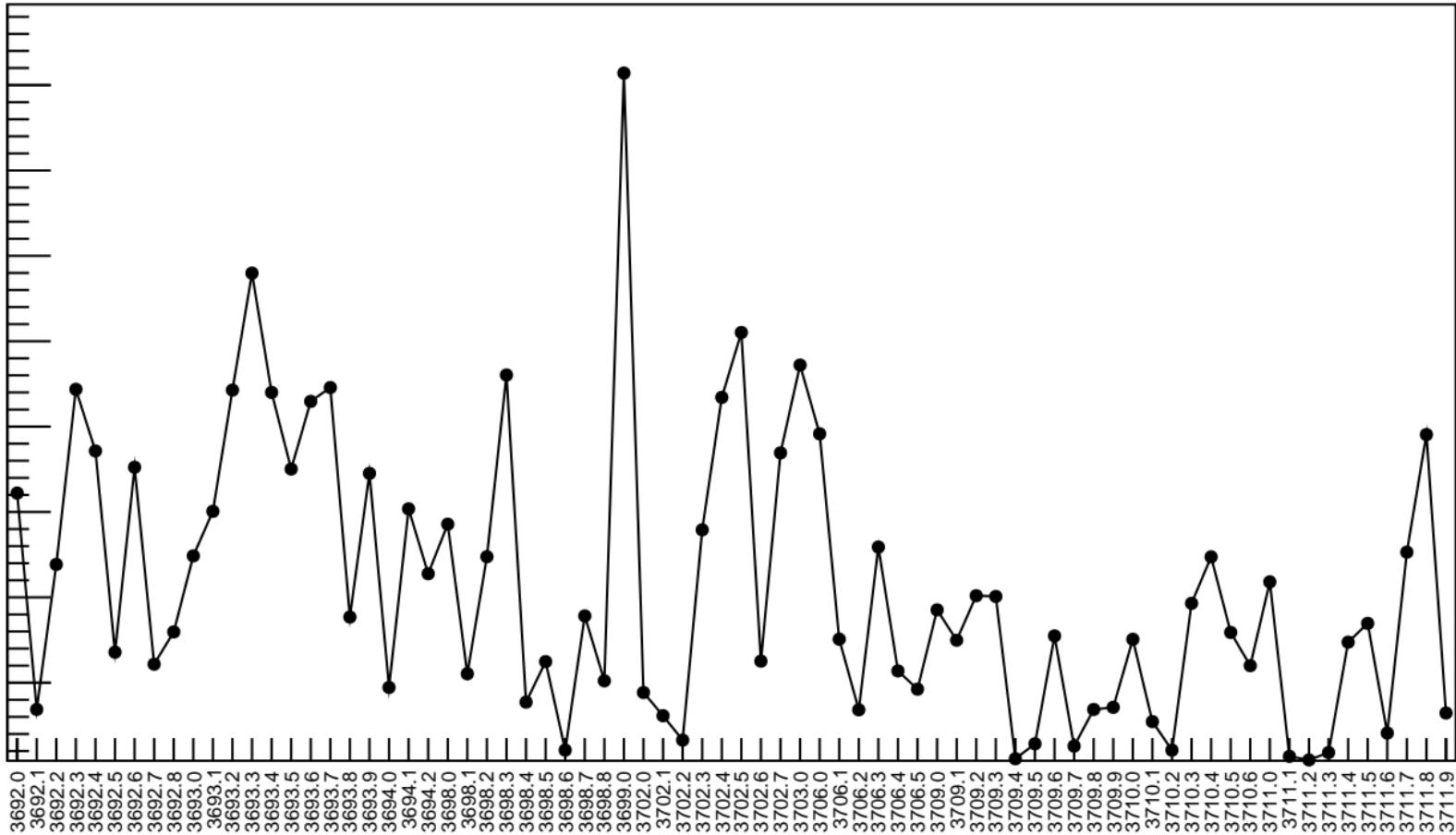


1D pull distribution



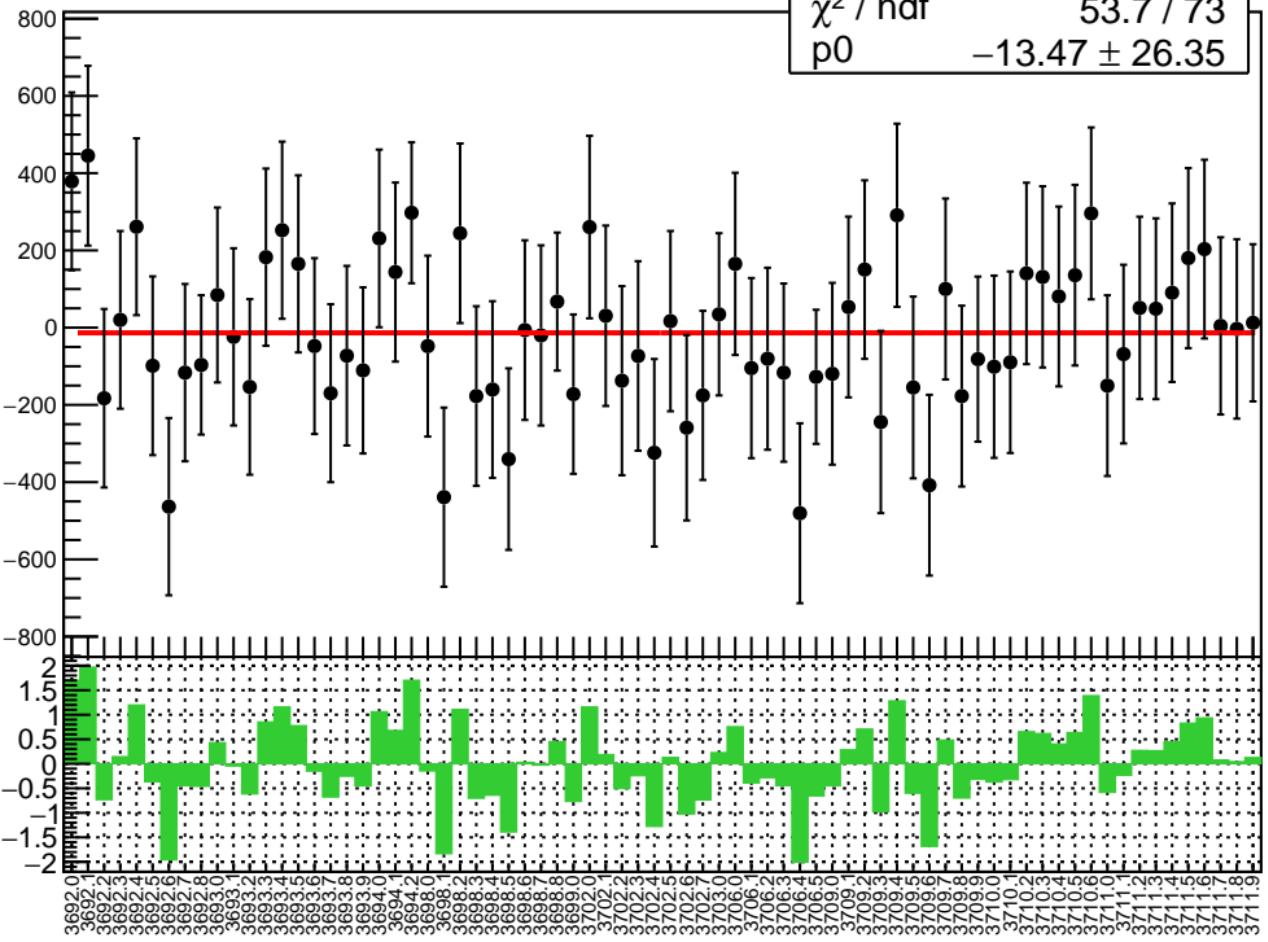
corr_Adet_bpm16X RMS (ppm)

RMS (ppm)

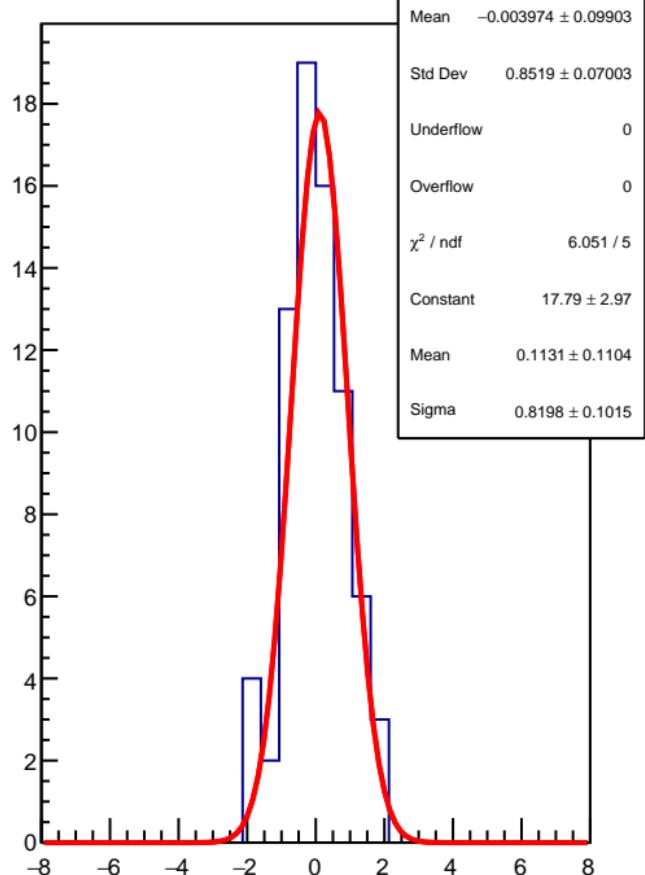


corr_Adet_bpm16Y (ppb)

χ^2 / ndf 53.7 / 73
 p_0 -13.47 ± 26.35

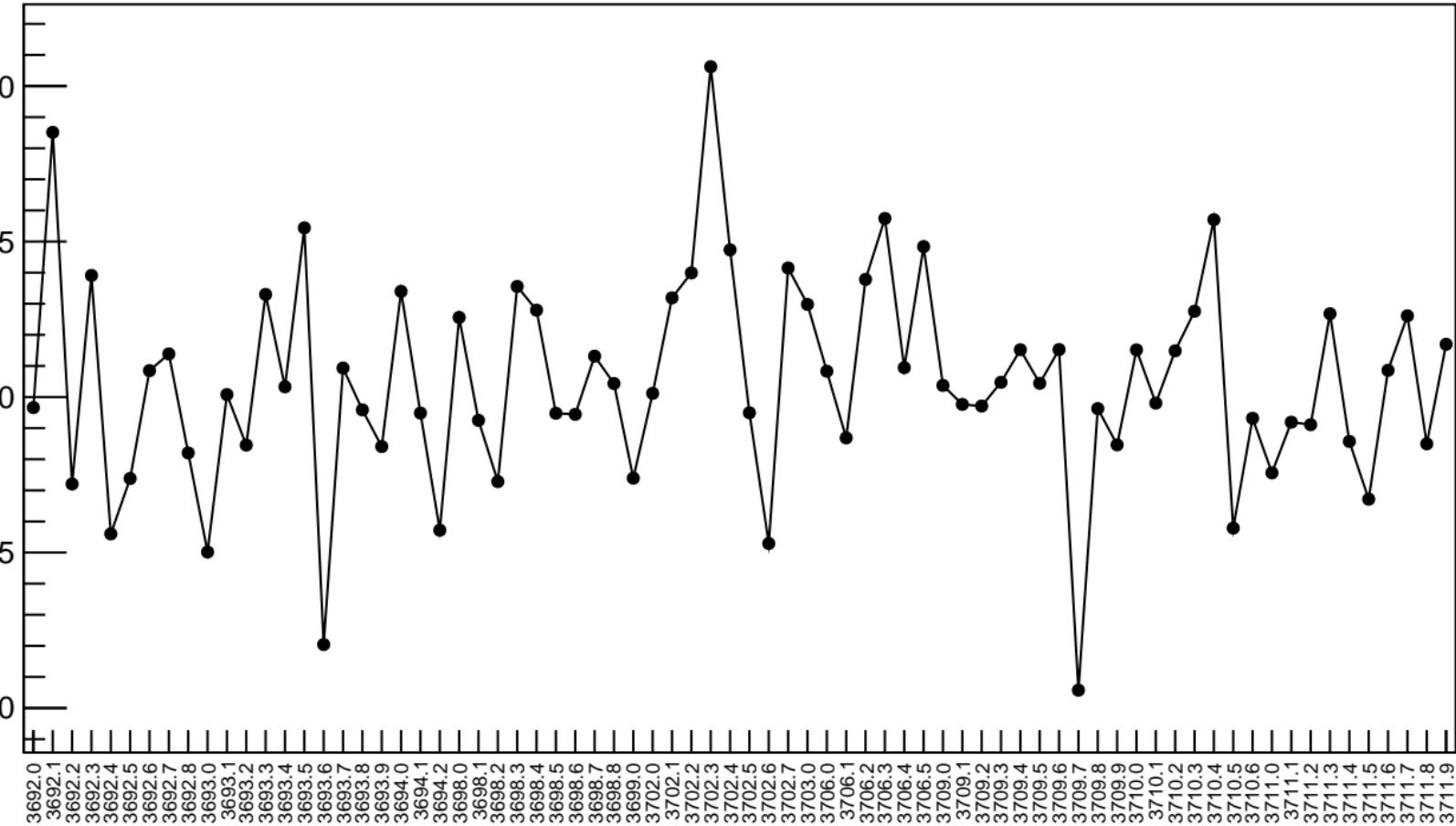


1D pull distribution



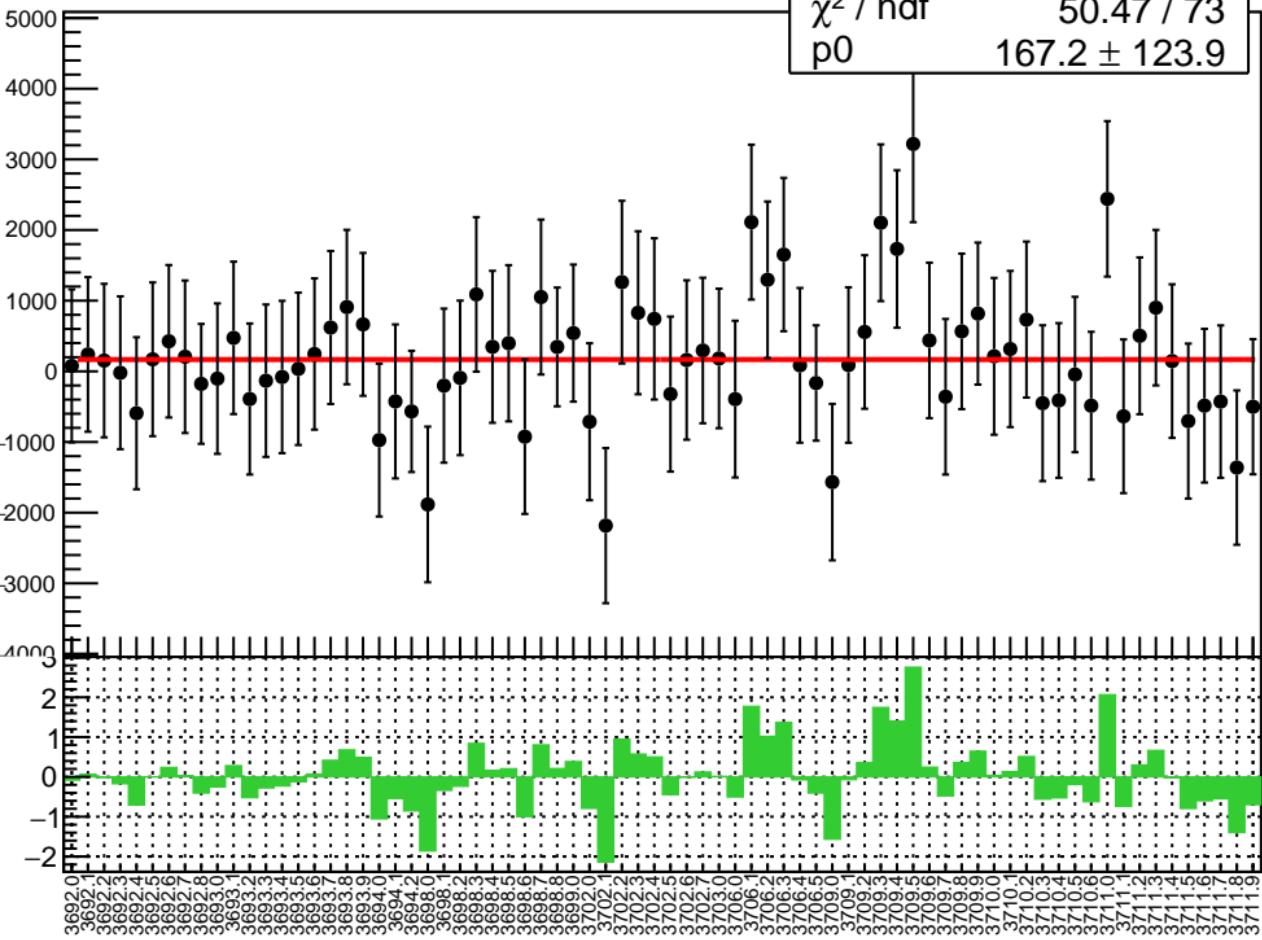
corr_Adet_bpm16Y RMS (ppm)

RMS (ppm)





χ^2 / ndf 50.47 / 73
 p0 167.2 ± 123.9

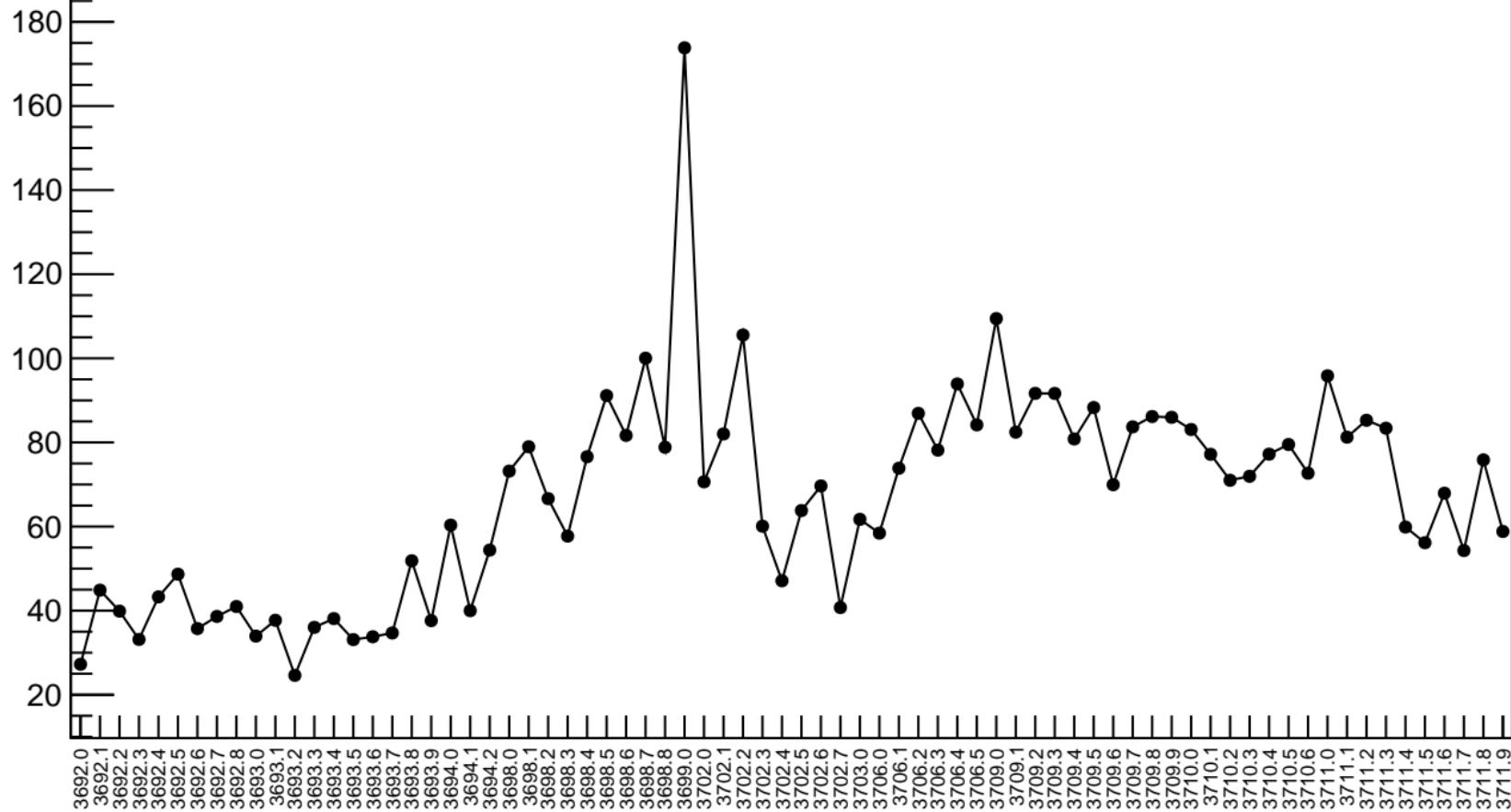


1D pull distribution

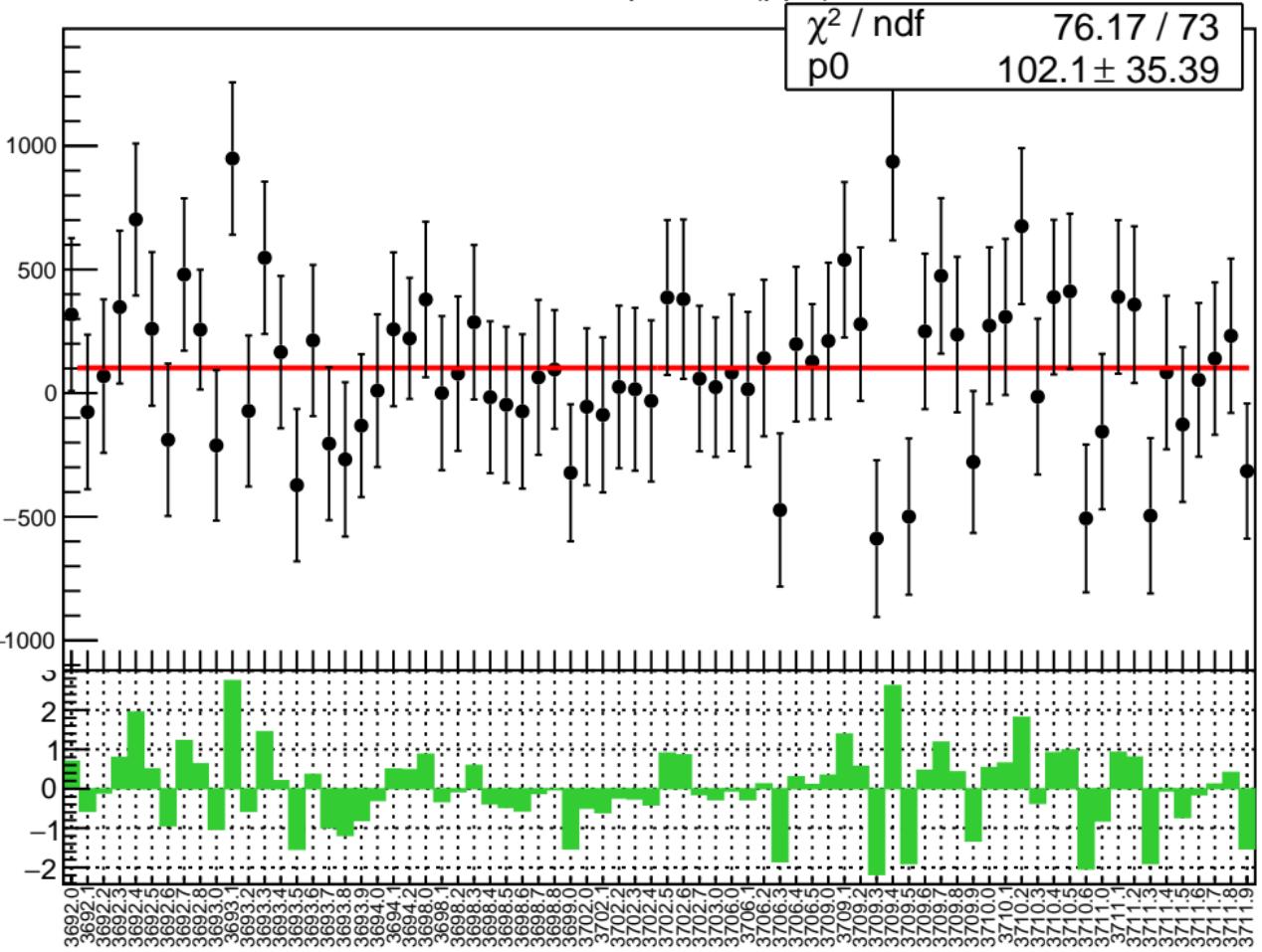
Mean	0.008179 ± 0.096
Std Dev	0.8258 ± 0.06788
Underflow	0
Overflow	0
χ^2 / ndf	$5.866 / 7$
Constant	23.45 ± 3.71
Mean	-0.05414 ± 0.07539
Sigma	0.6183 ± 0.0631

corr_Adet_bpm12X RMS (ppm)

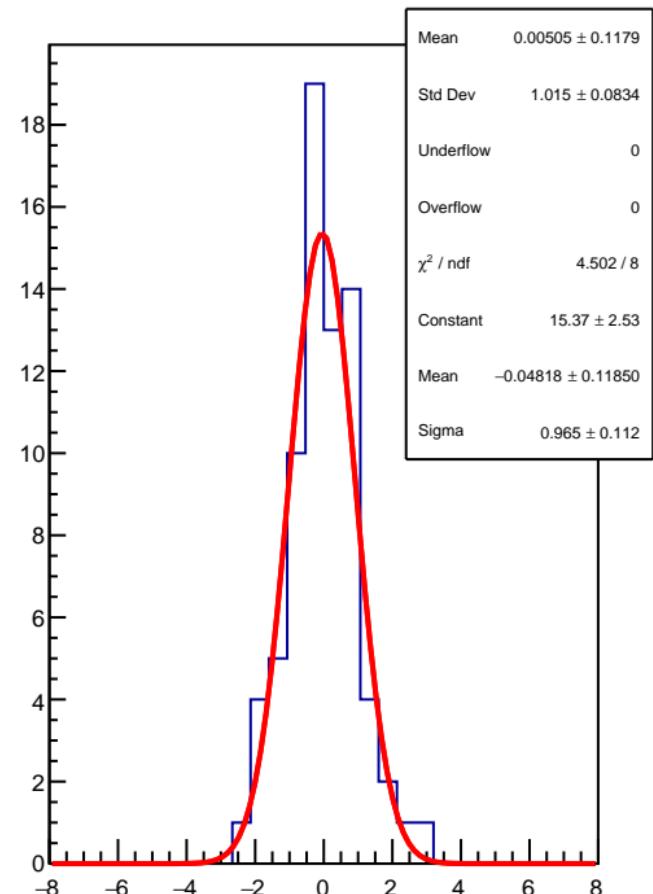
RMS (ppm)



corr_Adet_bpm12Y (ppb)

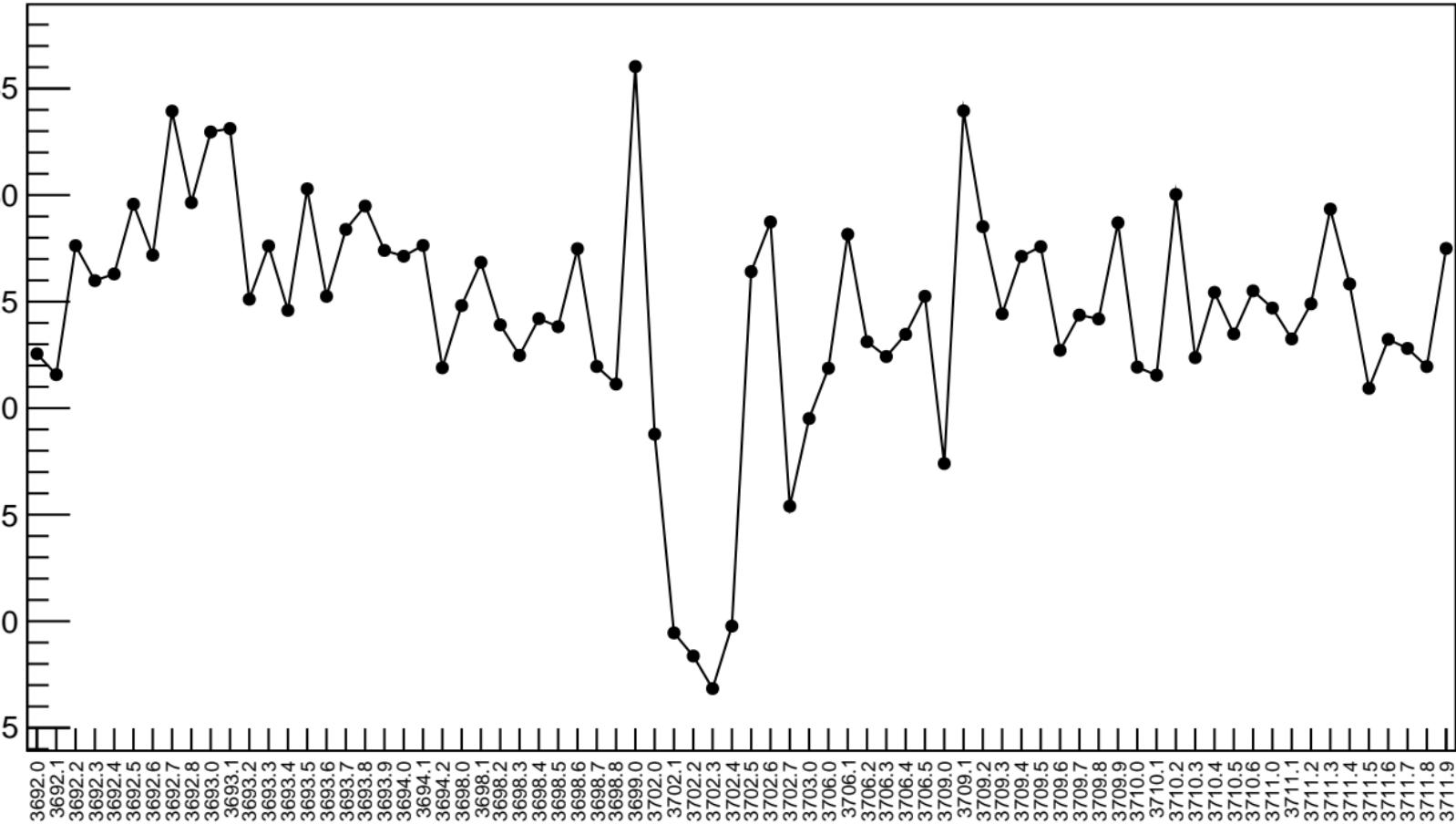


1D pull distribution



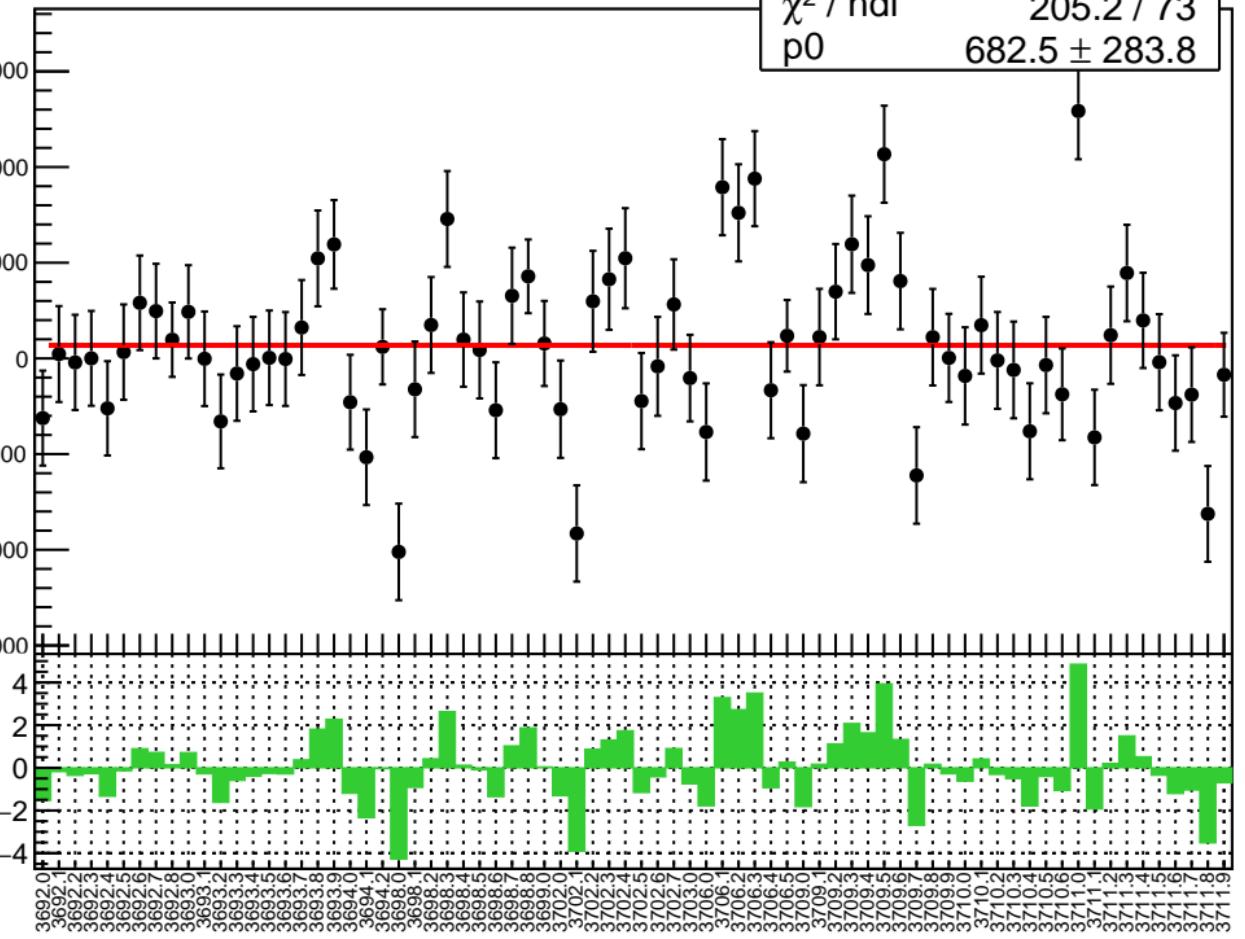
corr_Adet_bpm12Y RMS (ppm)

RMS (ppm)

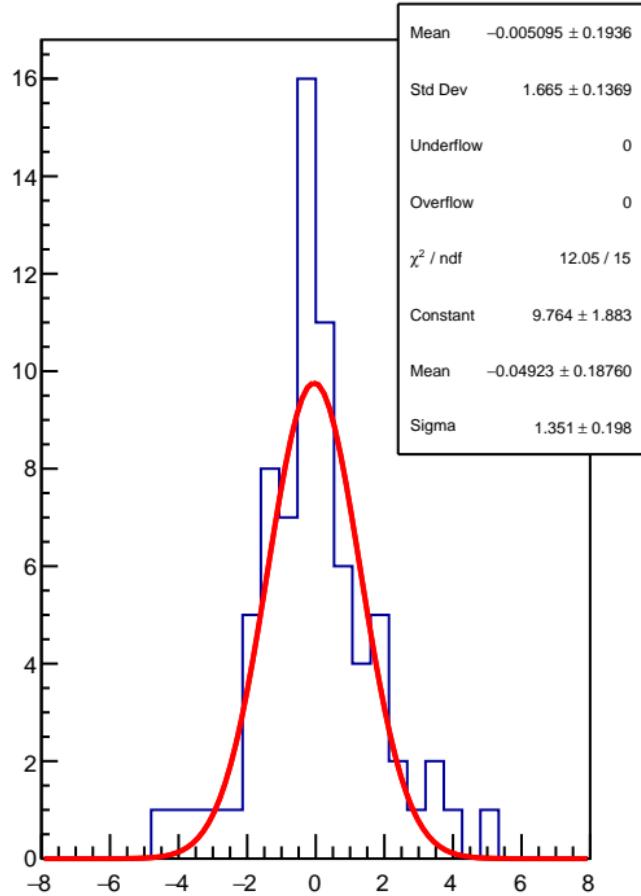


corr_Adet_bpm11X (ppb)

χ^2 / ndf 205.2 / 73
 p_0 682.5 ± 283.8

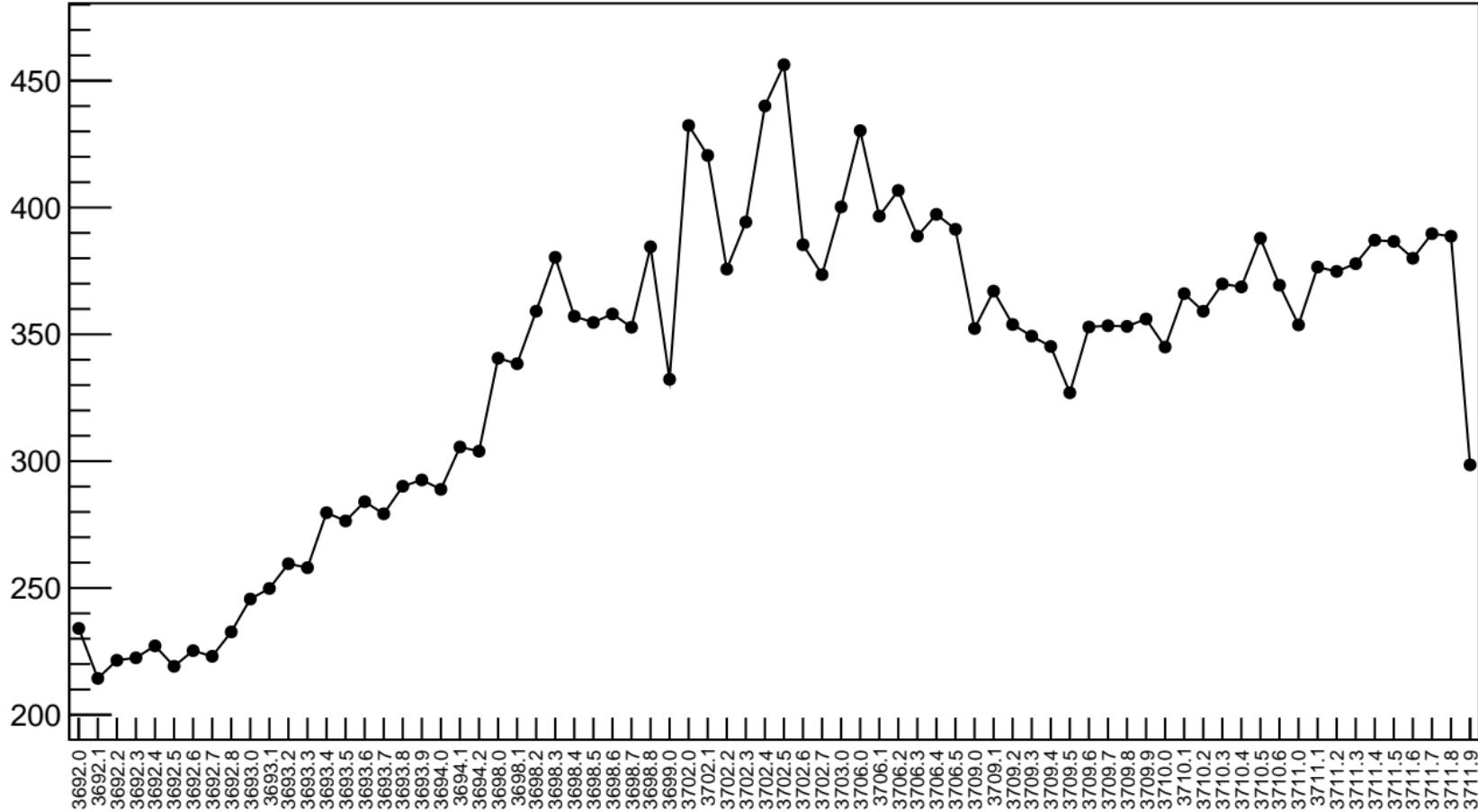


1D pull distribution

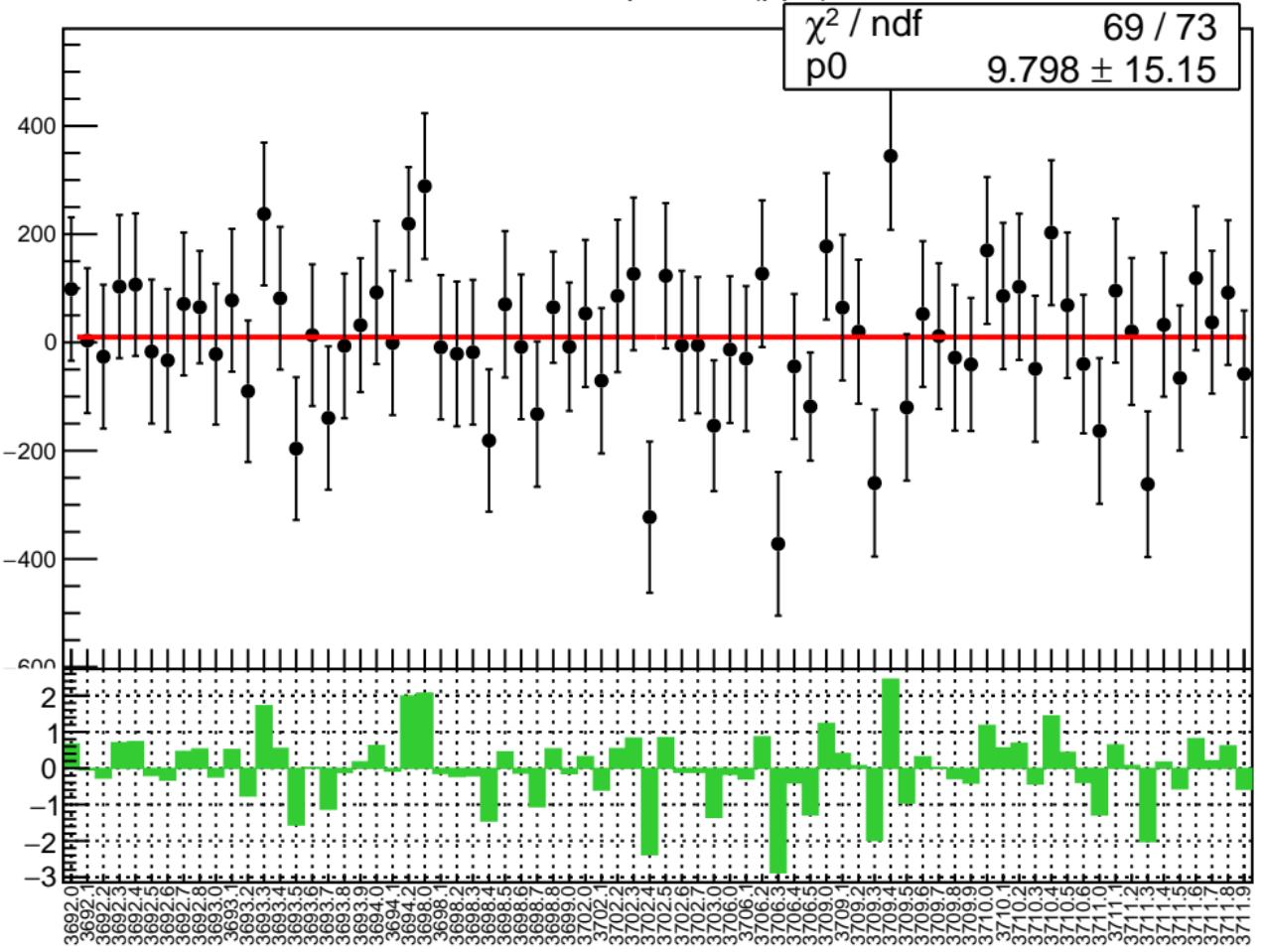


corr_Adet_bpm11X RMS (ppm)

RMS (ppm)

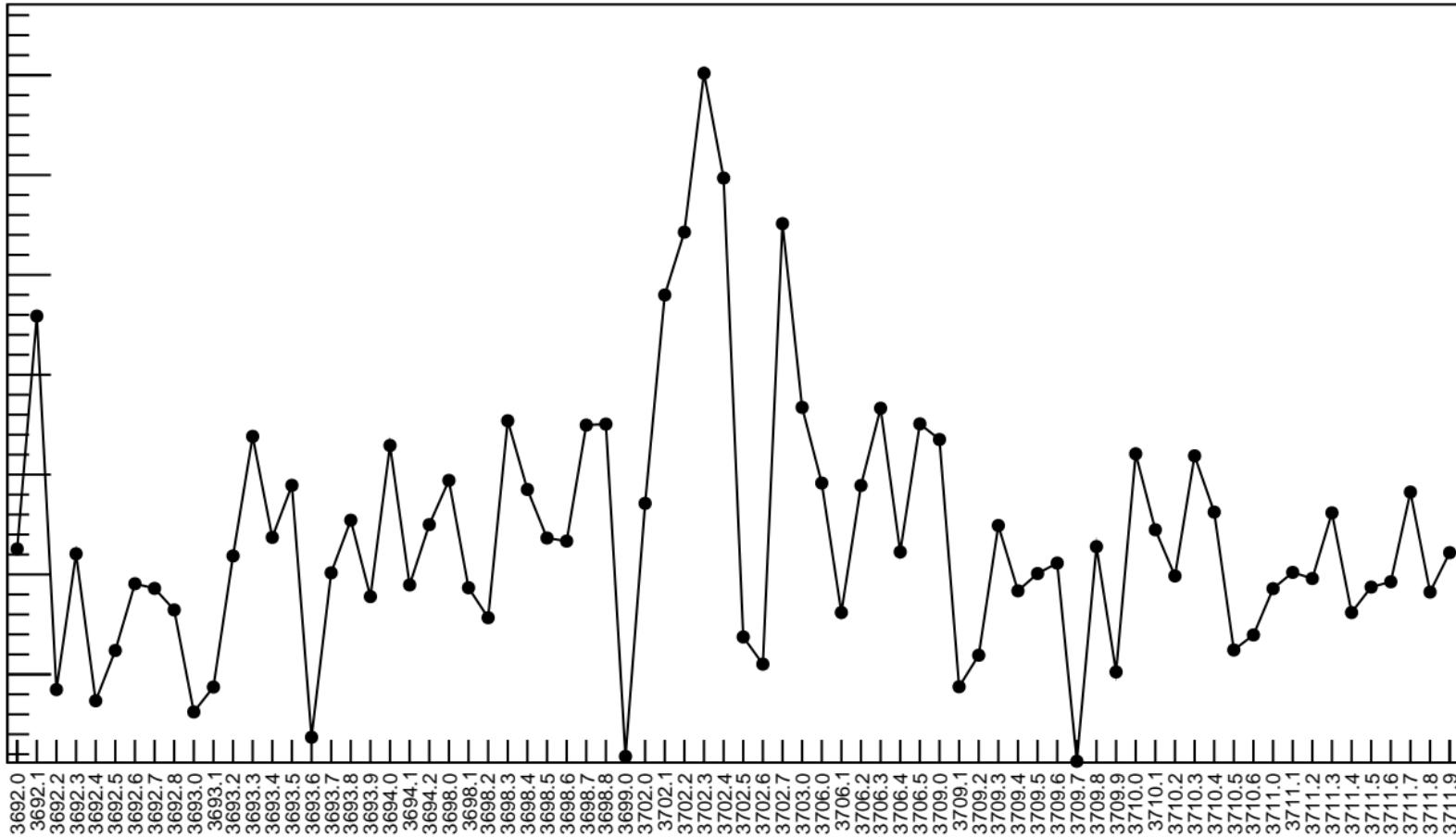


corr_Adet_bpm11Y (ppb)



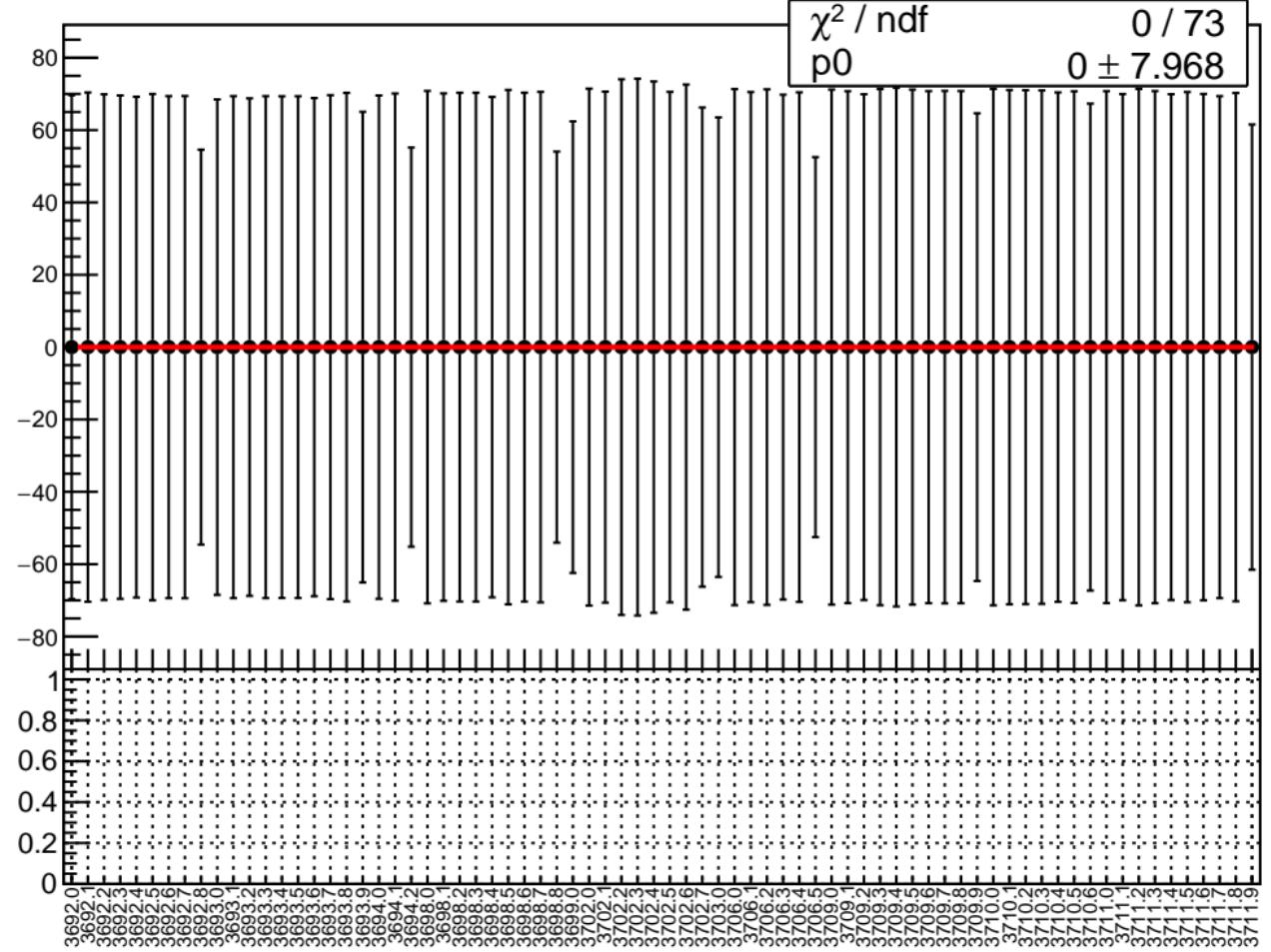
corr_Adet_bpm11Y RMS (ppm)

RMS (ppm)

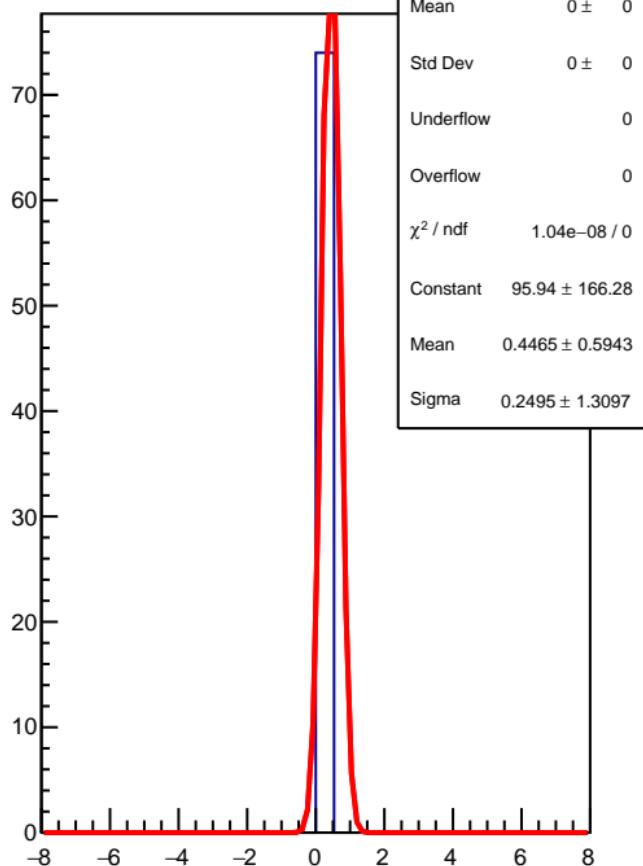




χ^2 / ndf 0 / 73
p0 0 ± 7.968

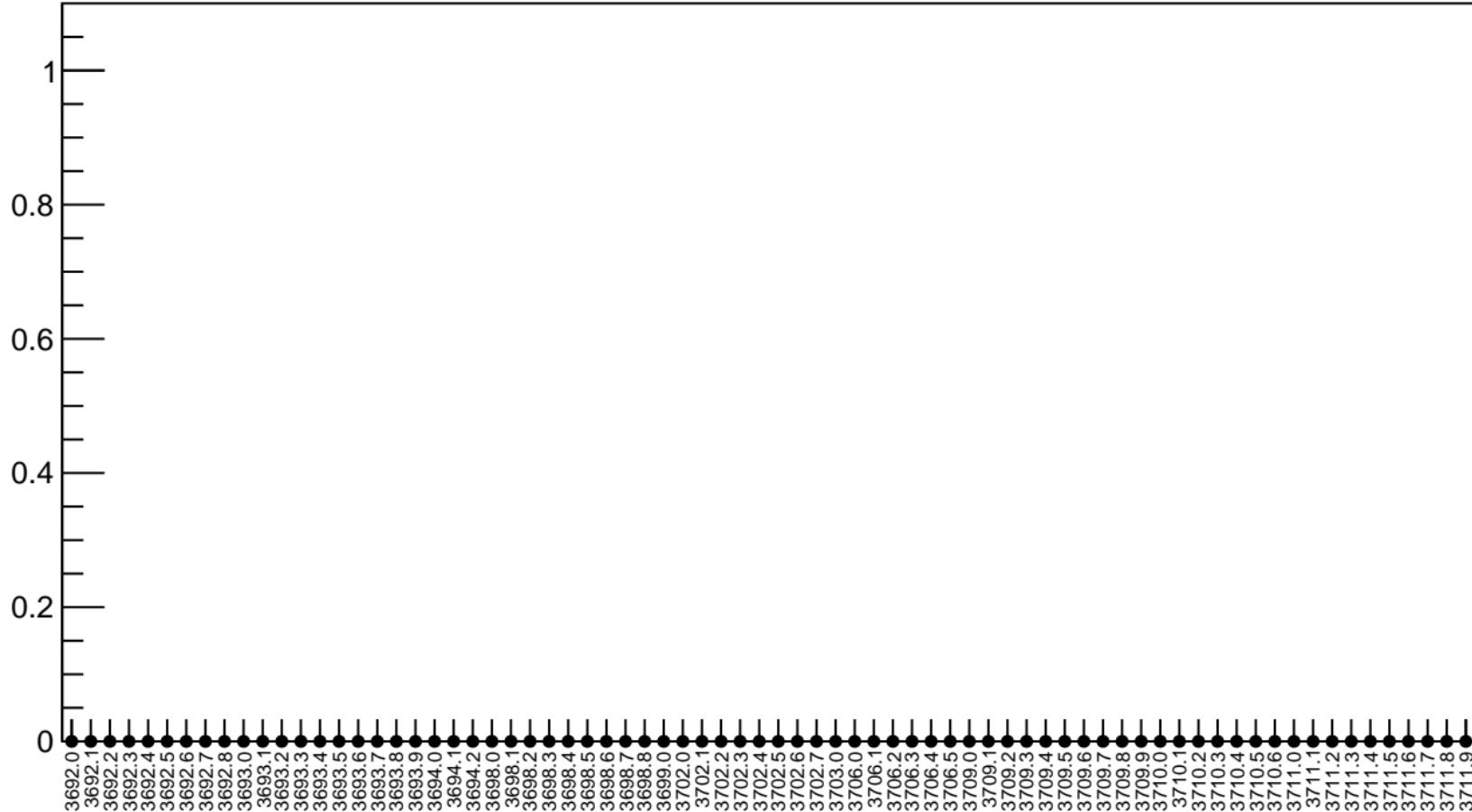


1D pull distribution

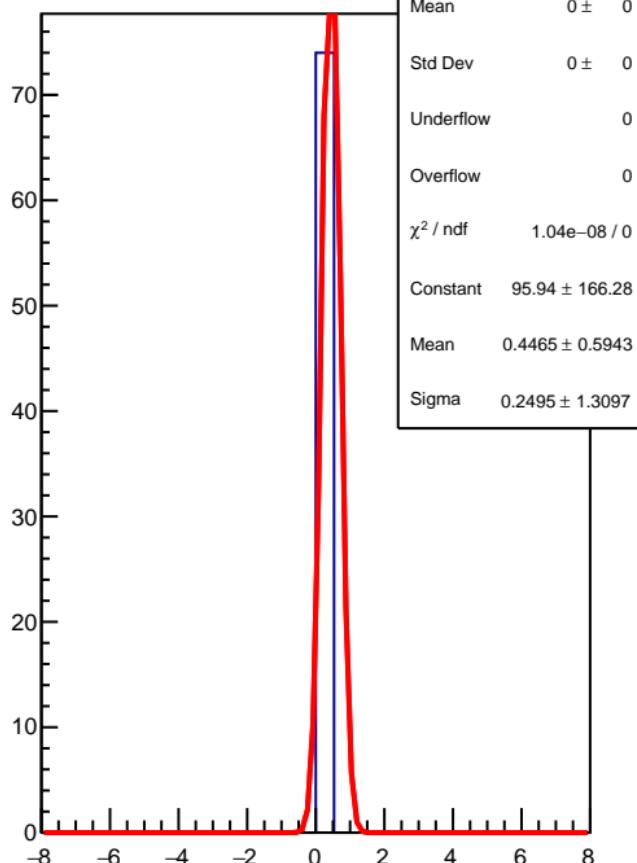
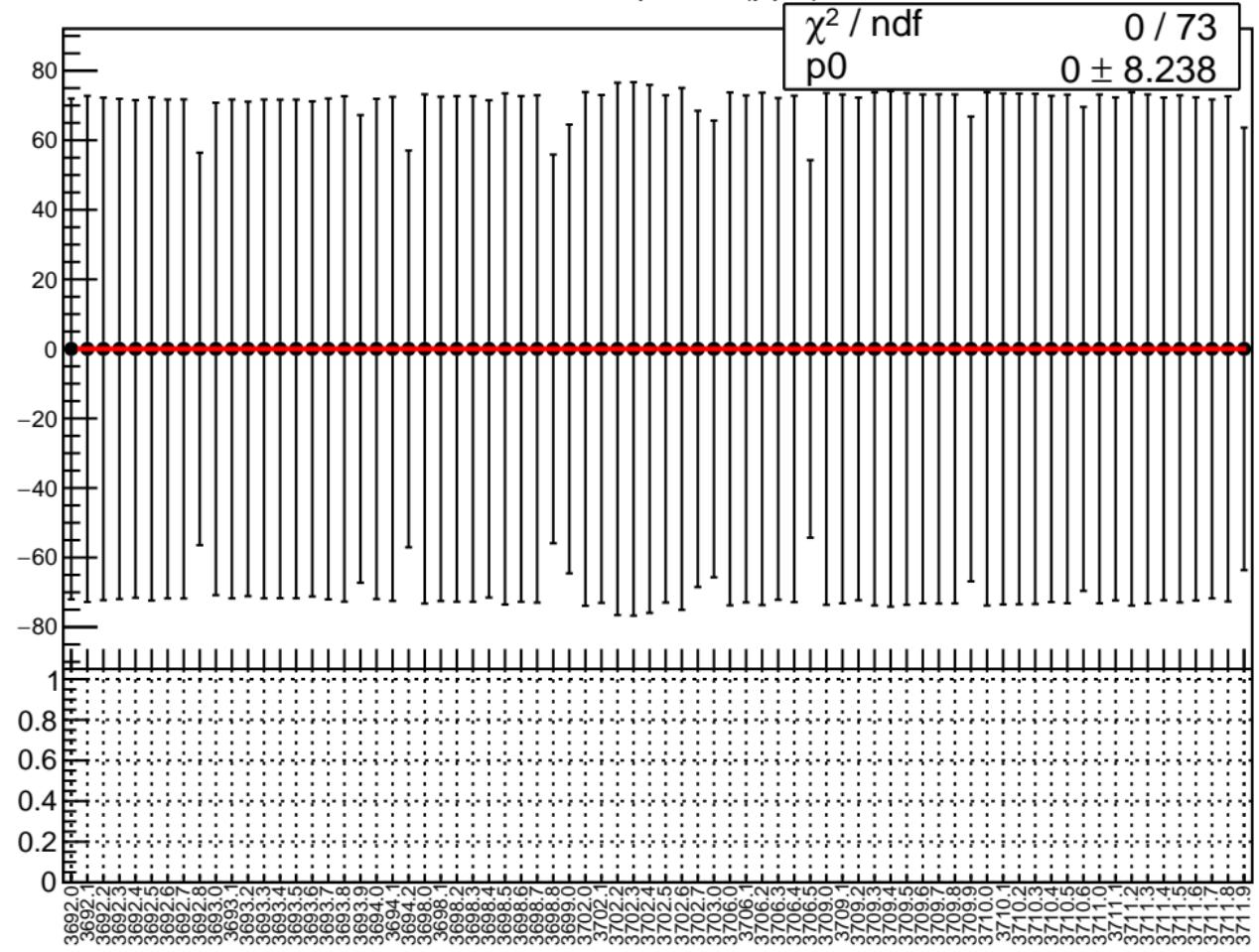


corr_Adet_bpm8X RMS (ppm)

RMS (ppm)

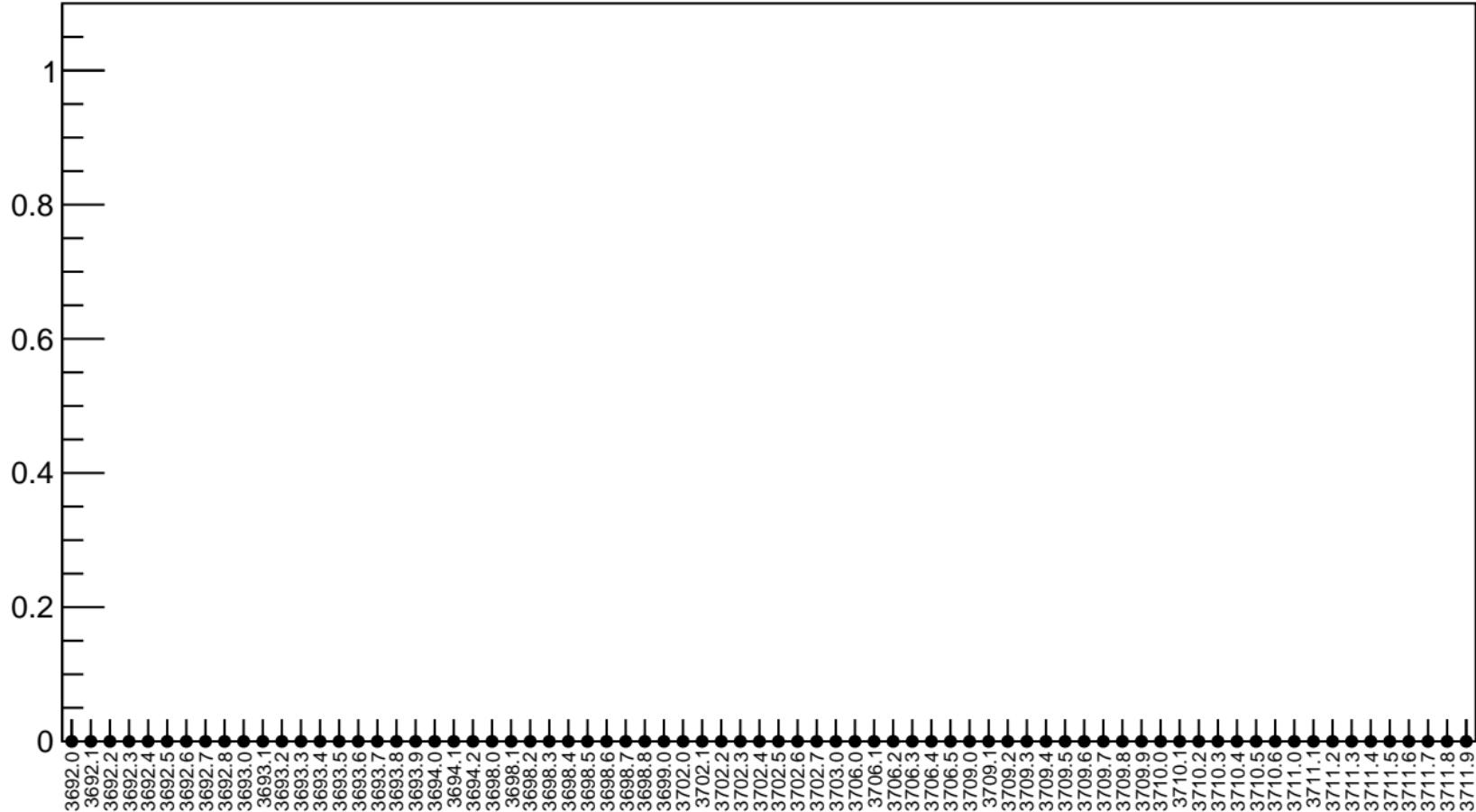


corr_Adet_bpm8Y (ppb)

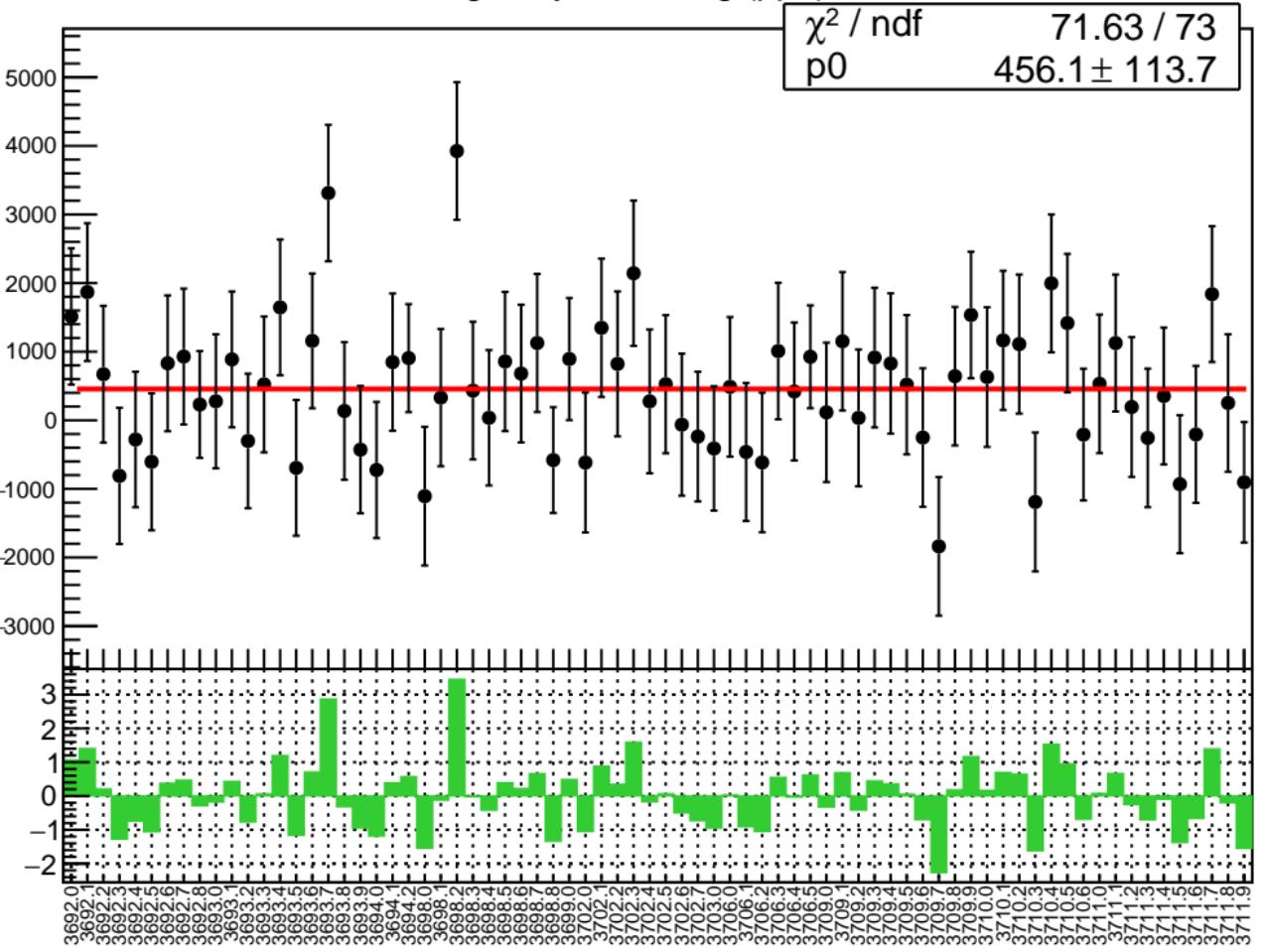


corr_Adet_bpm8Y RMS (ppm)

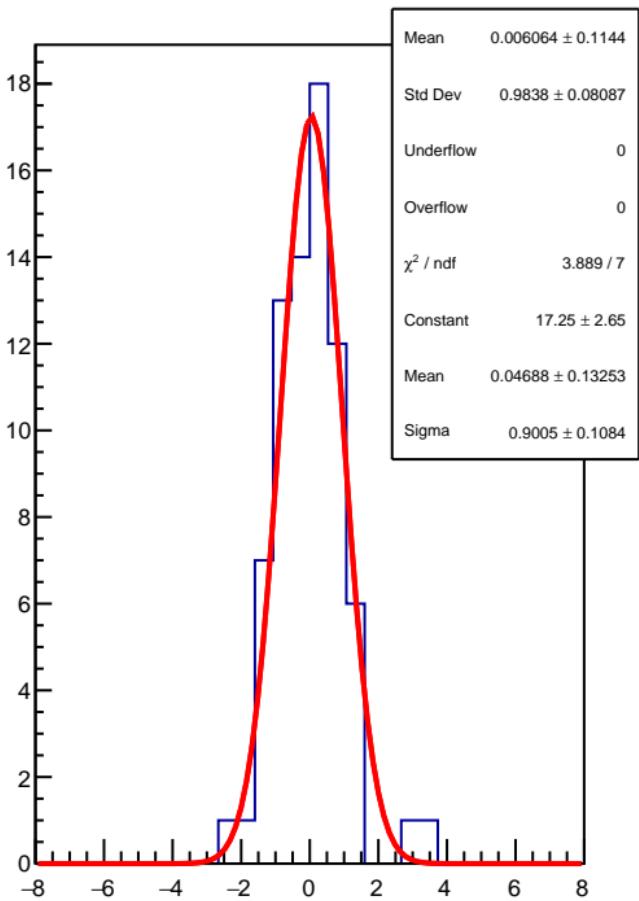
RMS (ppm)



lagr_asym_us_avg (ppb)

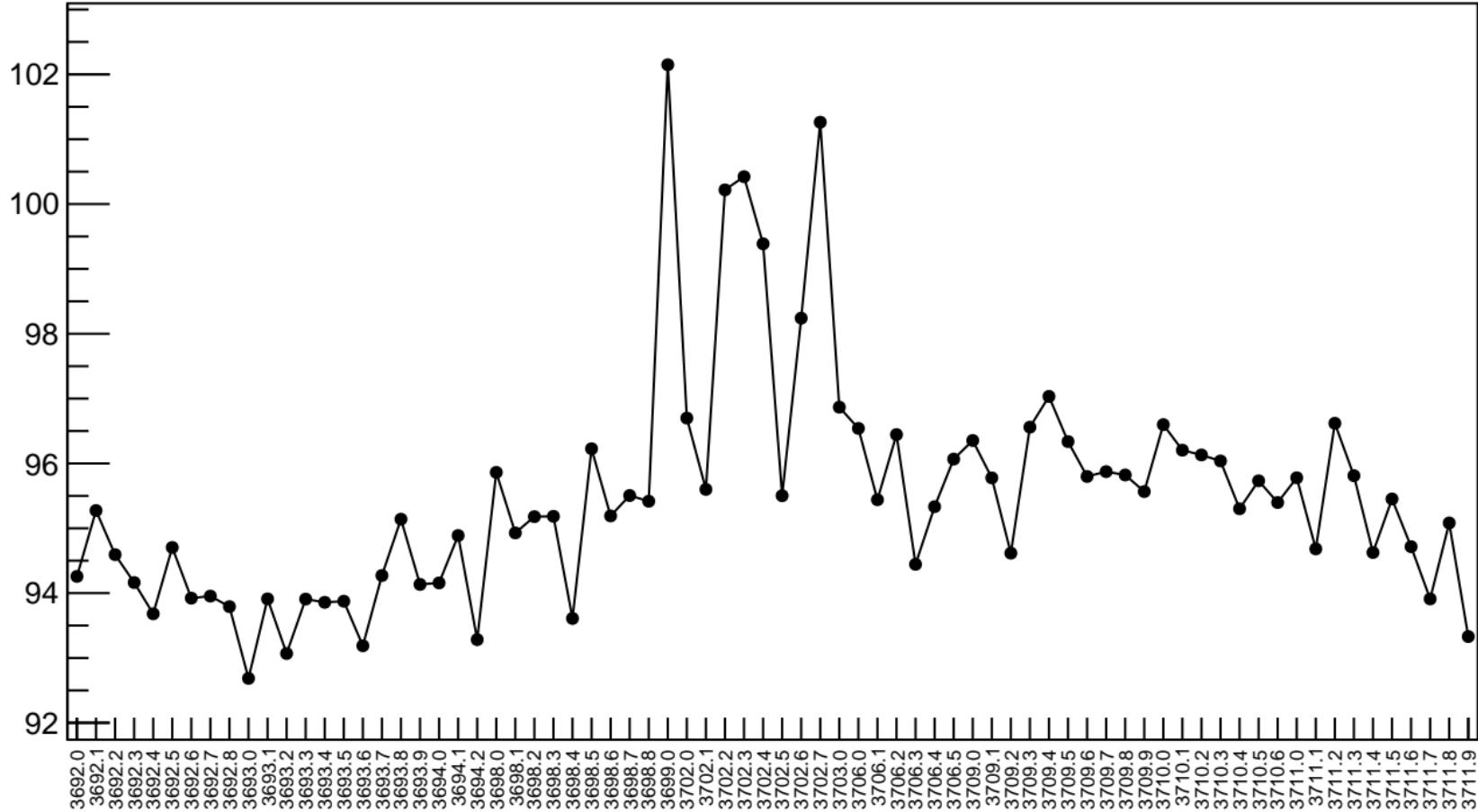


1D pull distribution



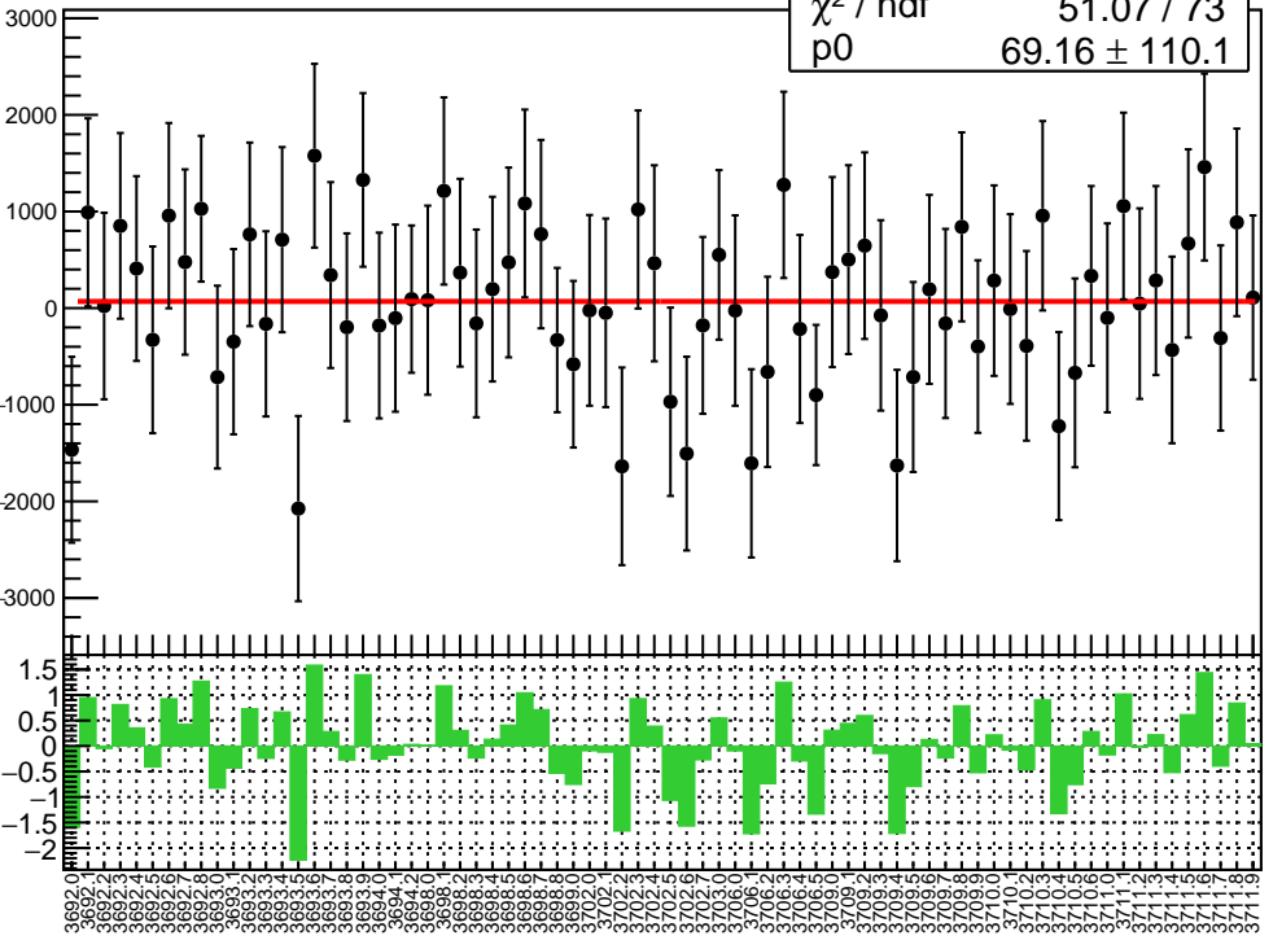
lagr_asym_us_avg RMS (ppm)

RMS (ppm)



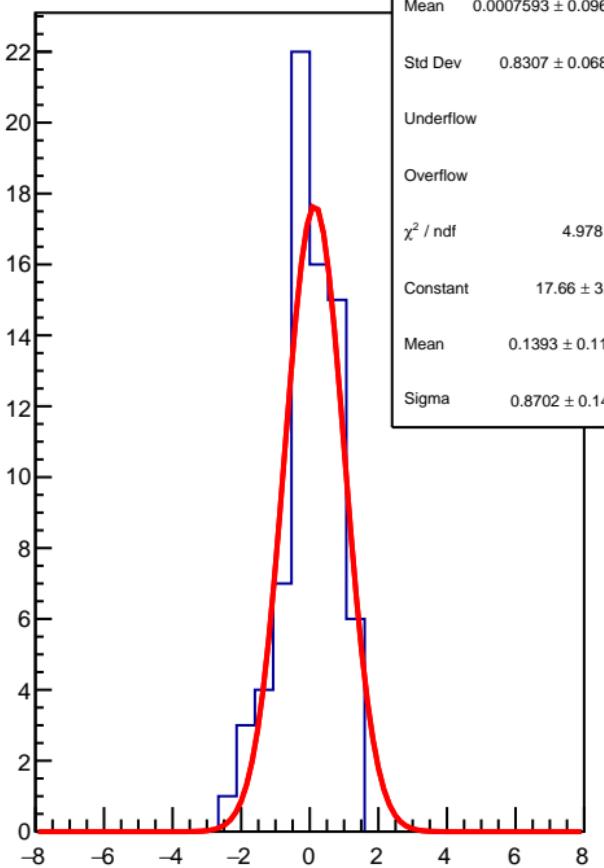
lagr_asym_us_dd (ppb)

χ^2 / ndf 51.07 / 73
 p_0 69.16 ± 110.1



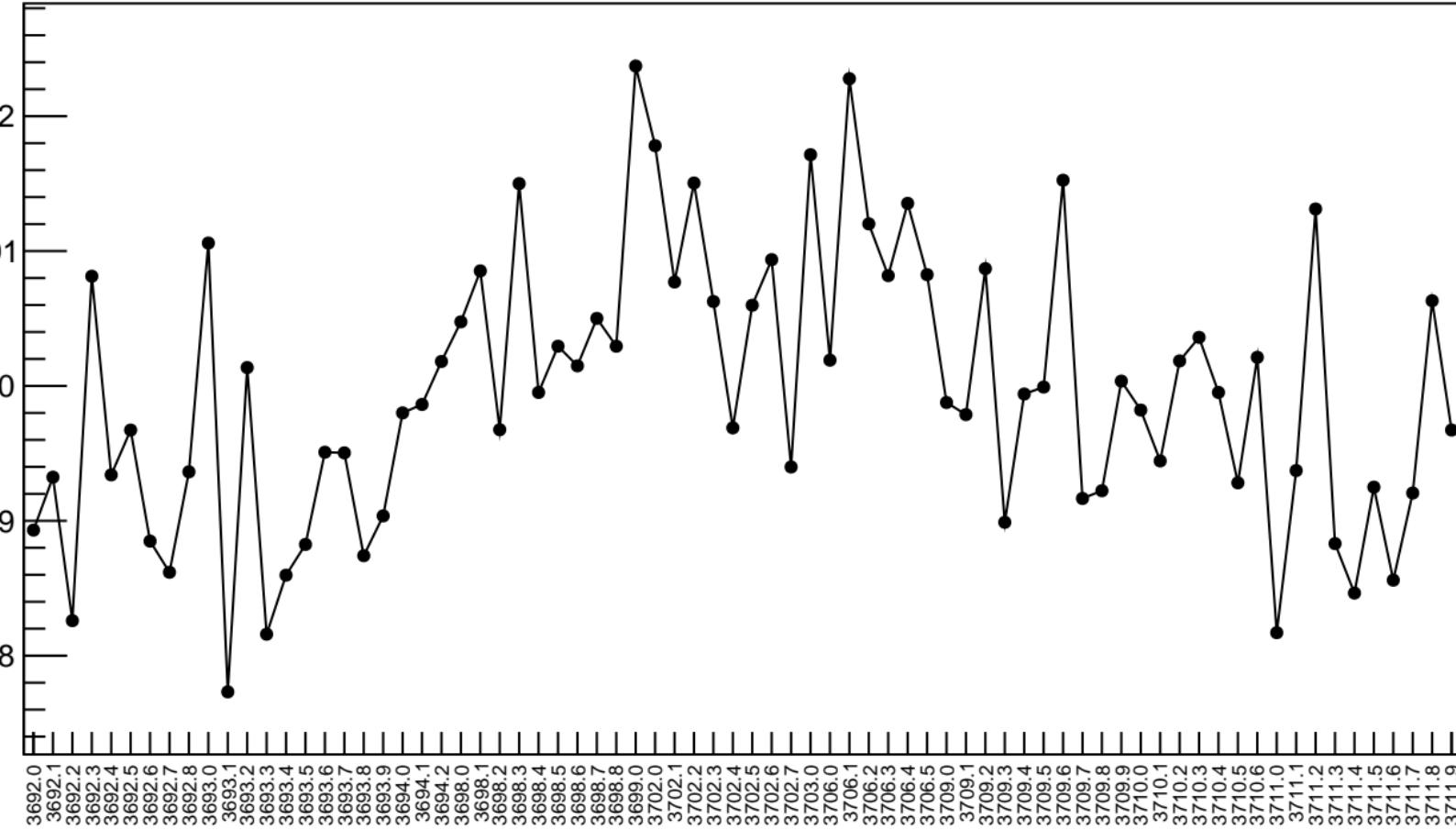
1D pull distribution

Mean 0.0007593 ± 0.09657
Std Dev 0.8307 ± 0.06829
Underflow 0
Overflow 0
 χ^2 / ndf 4.978 / 5
Constant 17.66 ± 3.22
Mean 0.1393 ± 0.1177
Sigma 0.8702 ± 0.1461



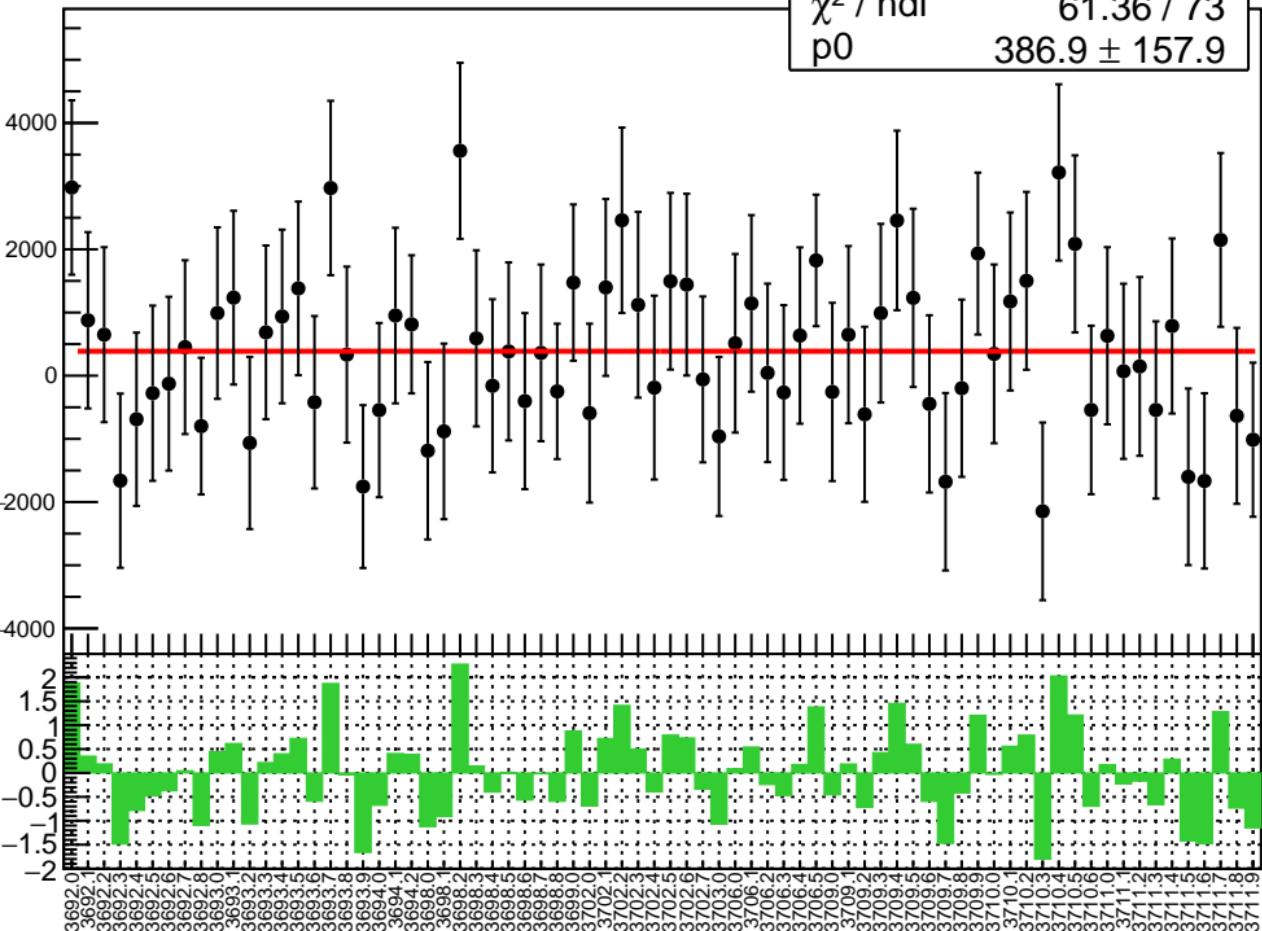
lagr_asym_us_dd RMS (ppm)

RMS (ppm)

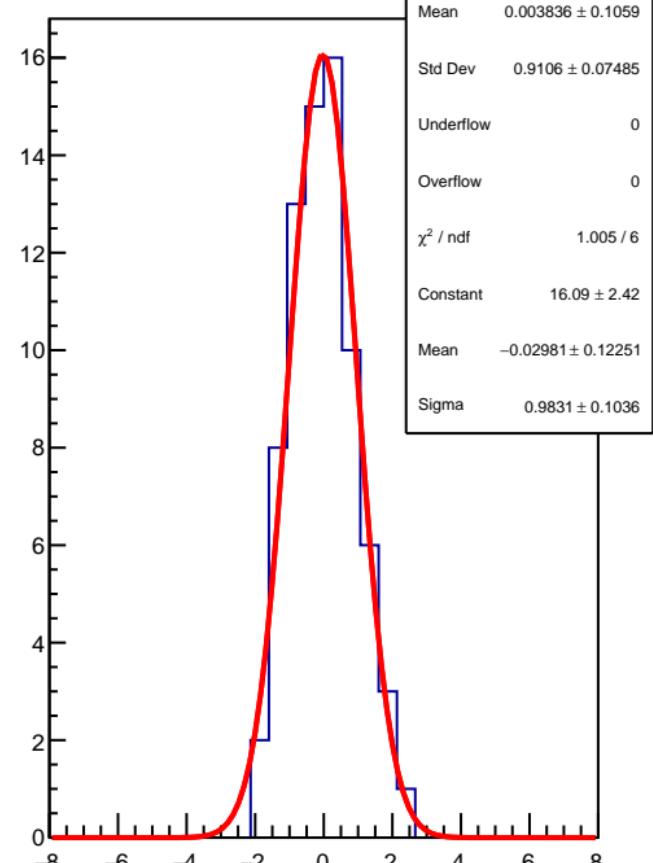


lagr_asym_usr (ppb)

χ^2 / ndf 61.36 / 73
p0 386.9 ± 157.9

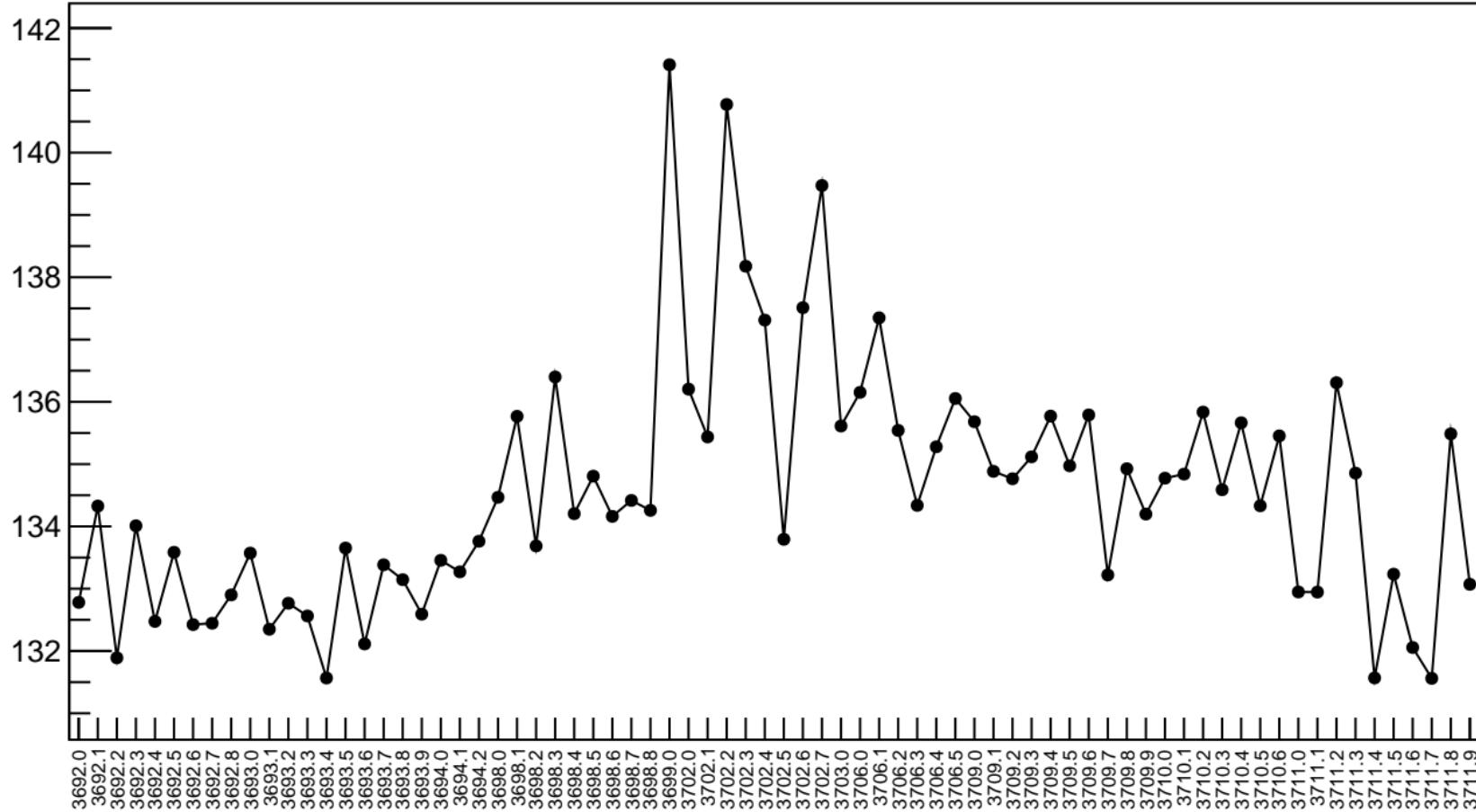


1D pull distribution



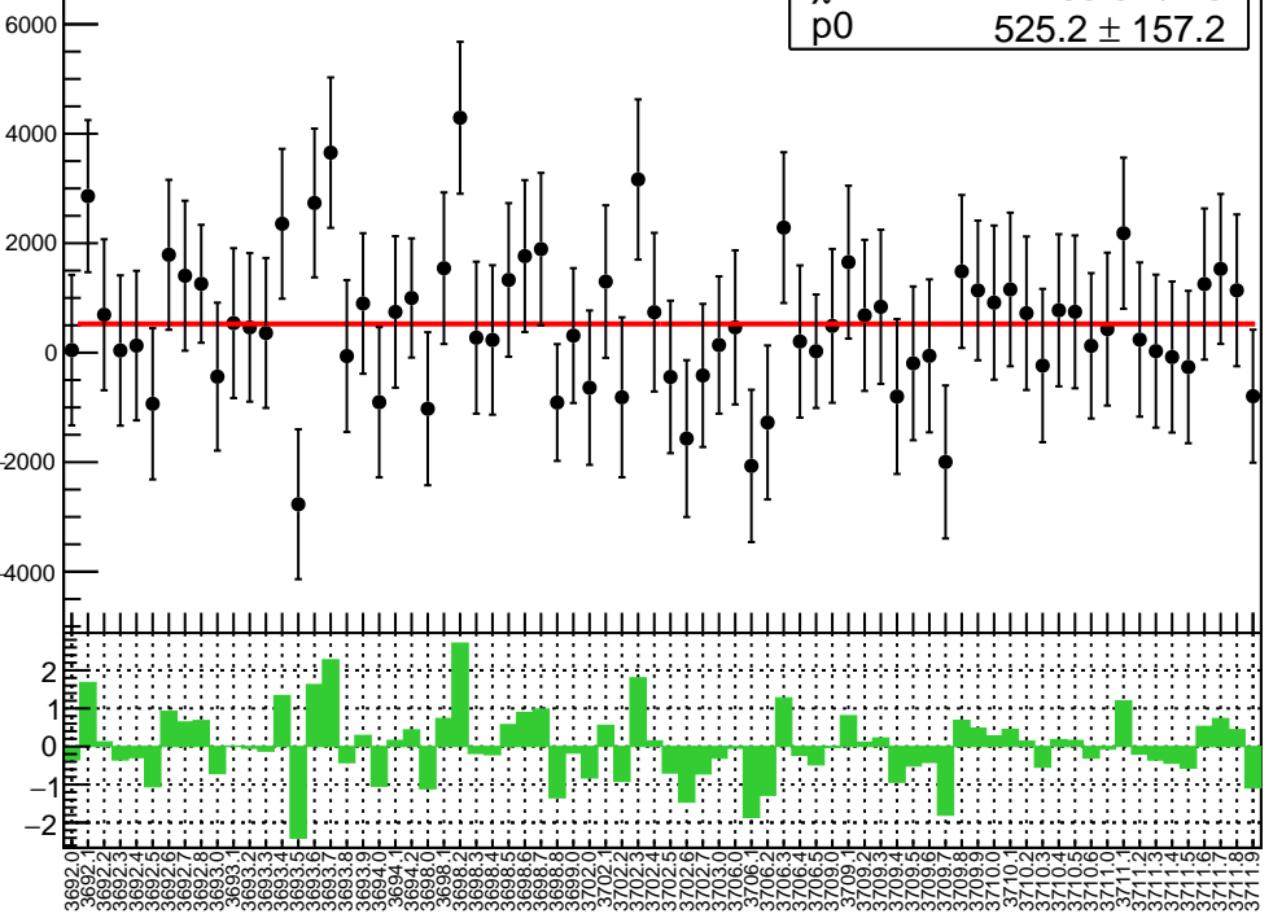
lagr_asym_usr RMS (ppm)

RMS (ppm)

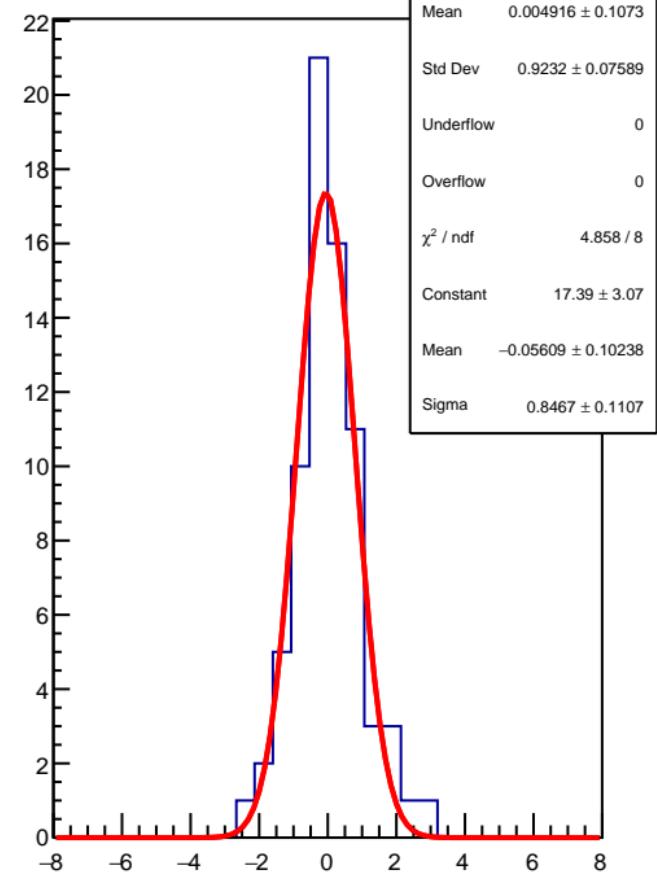


lagr_asym_usl (ppb)

χ^2 / ndf 63.07 / 73
p0 525.2 ± 157.2

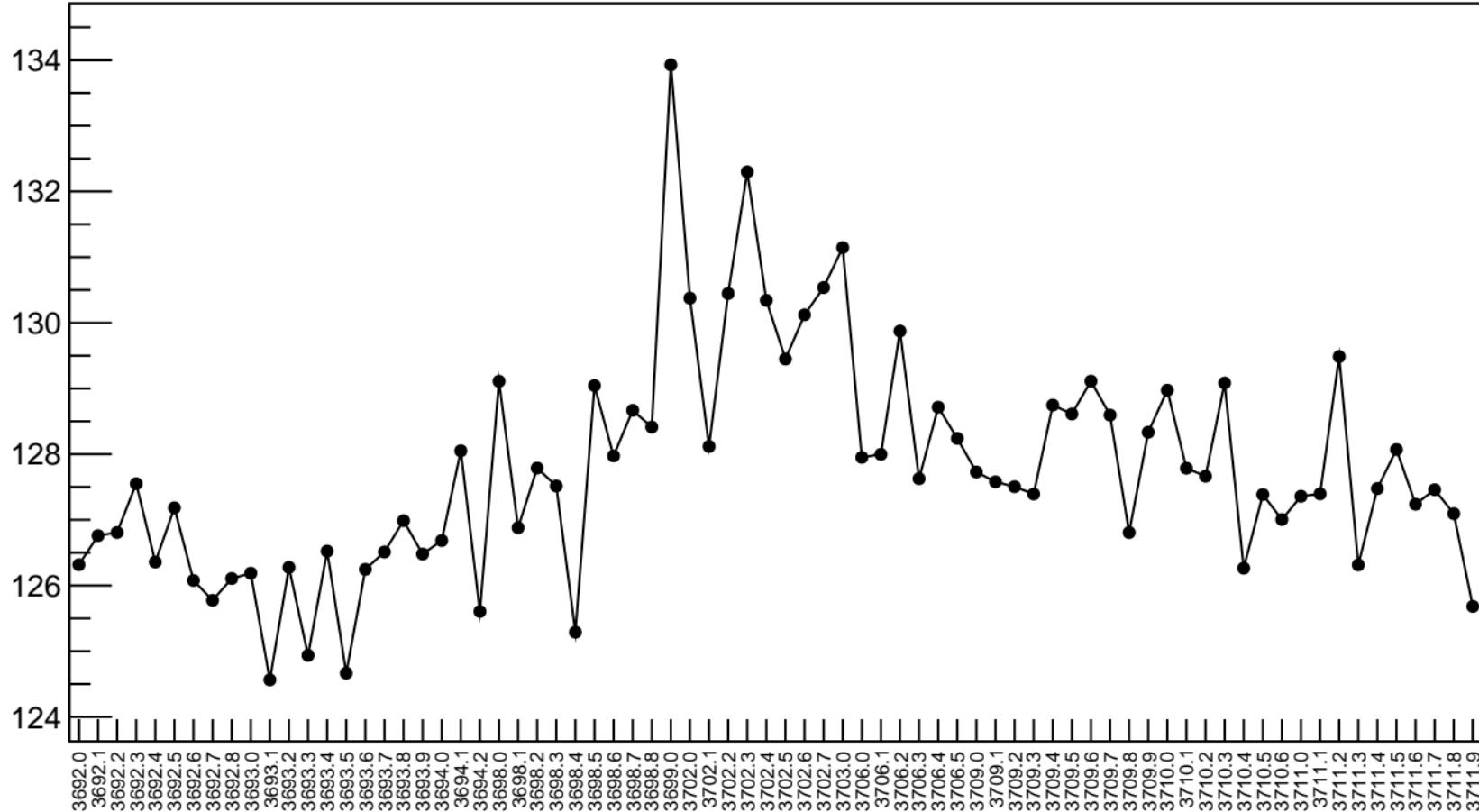


1D pull distribution

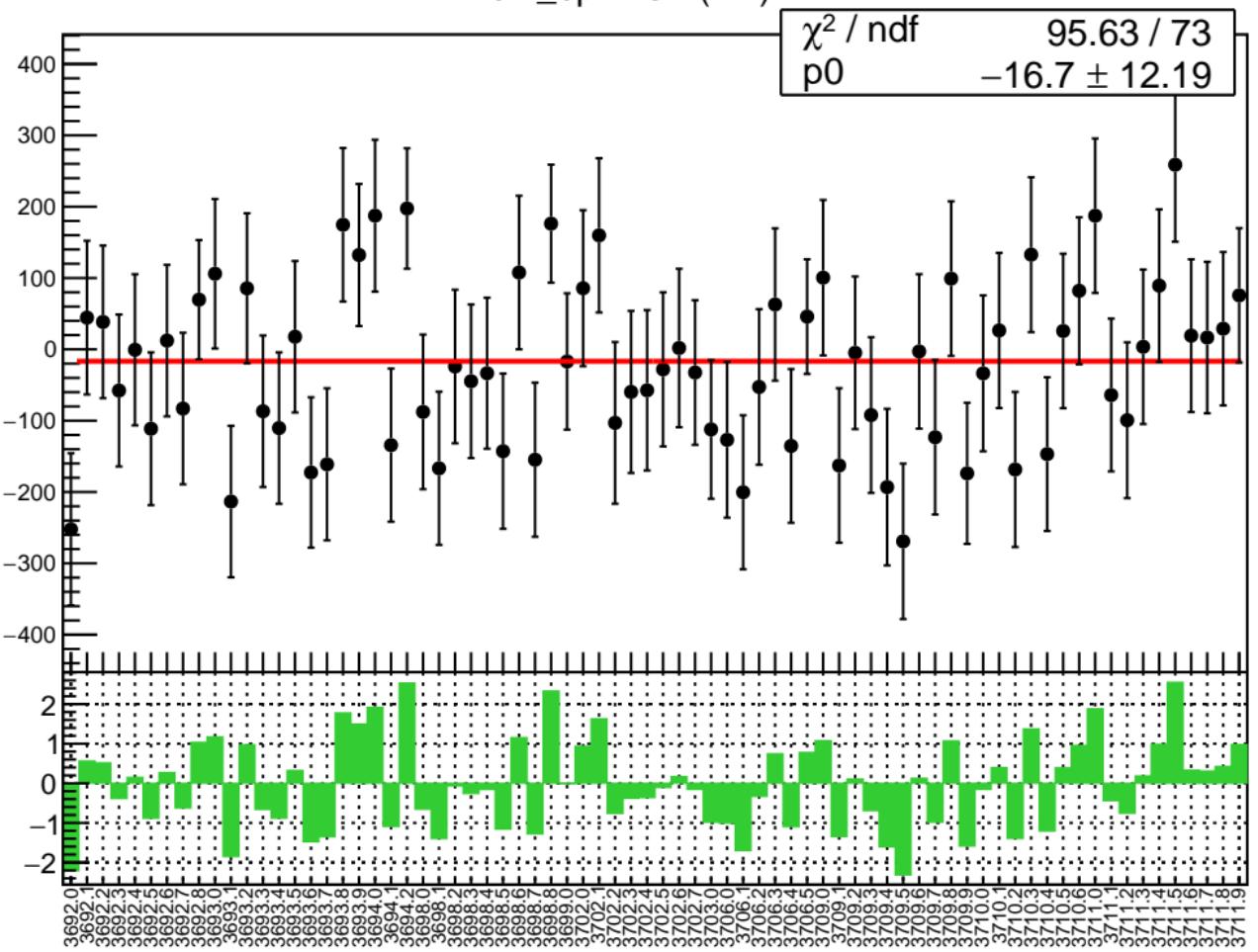


lagr_asym_usl RMS (ppm)

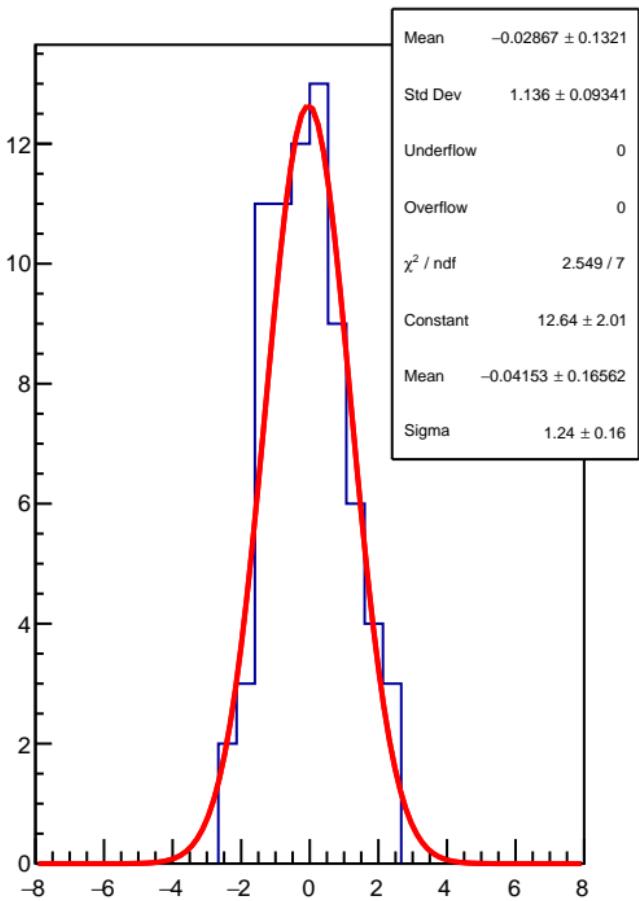
RMS (ppm)



diff_bpm4eX (nm)

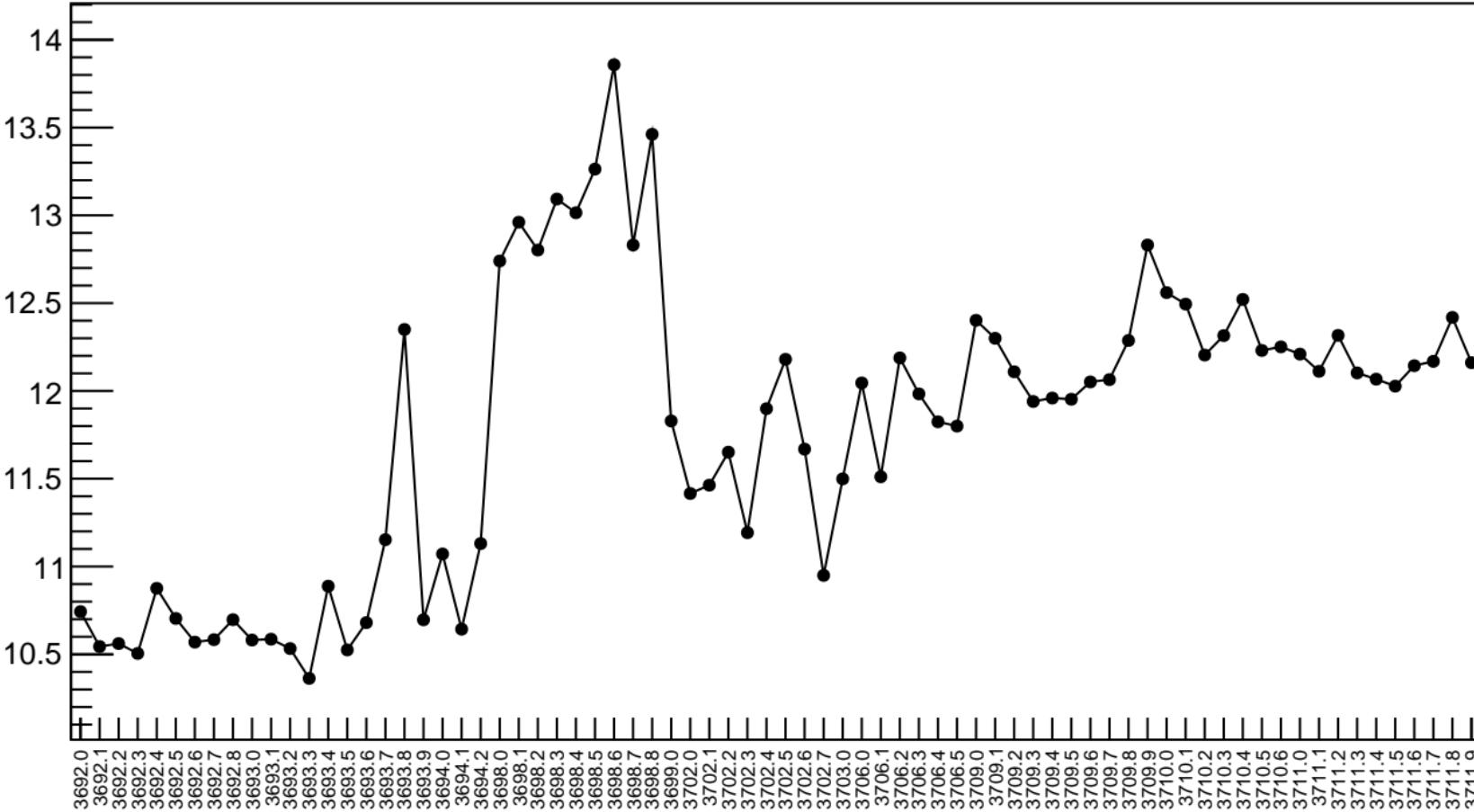


1D pull distribution

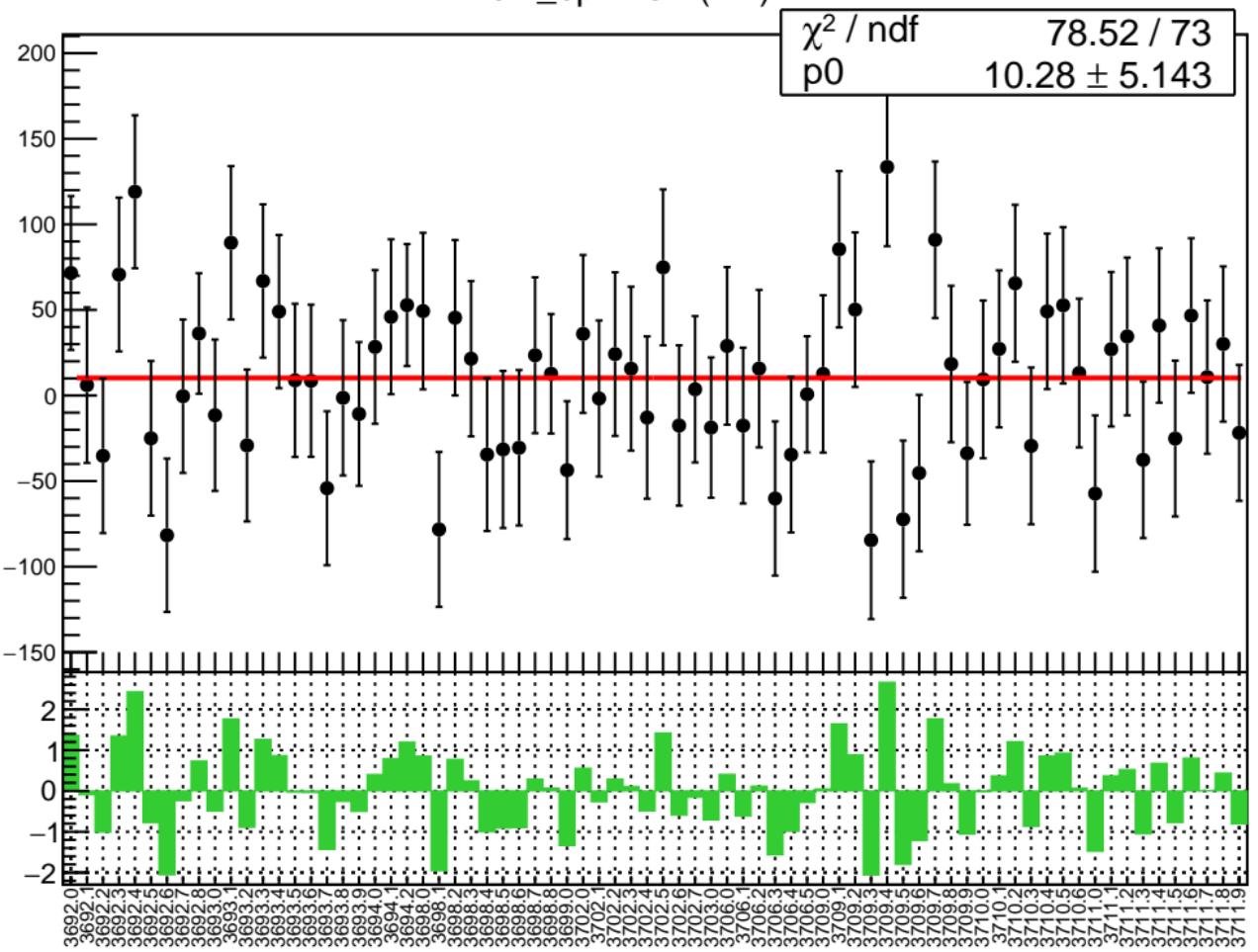


diff_bpm4eX RMS (um)

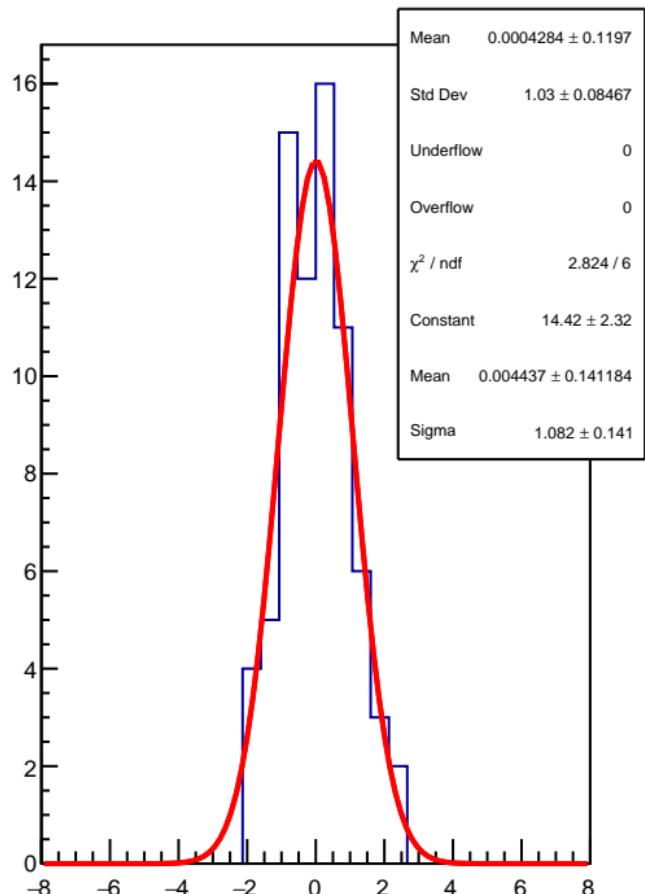
RMS (um)



diff_bpm4eY (nm)

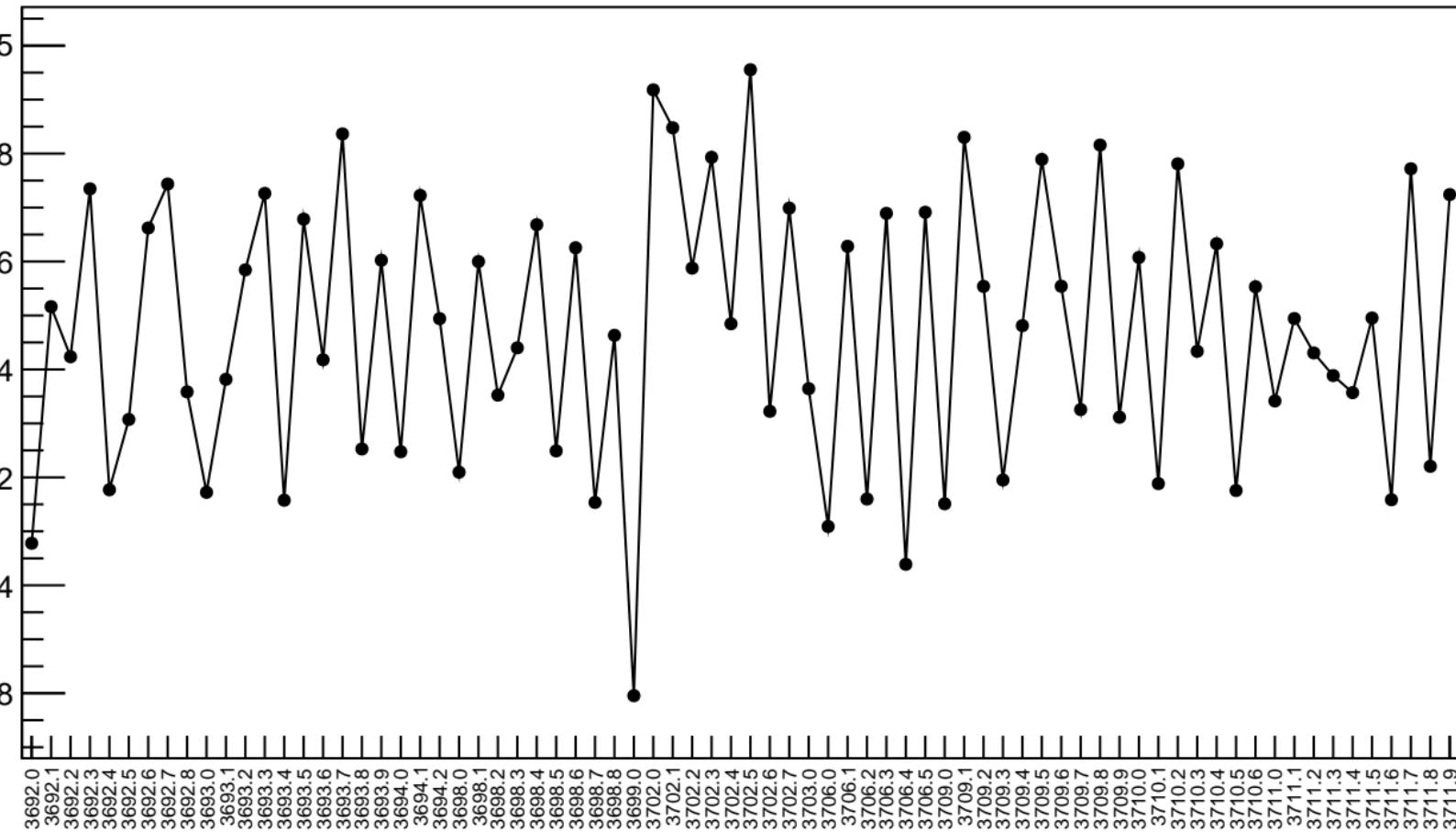


1D pull distribution

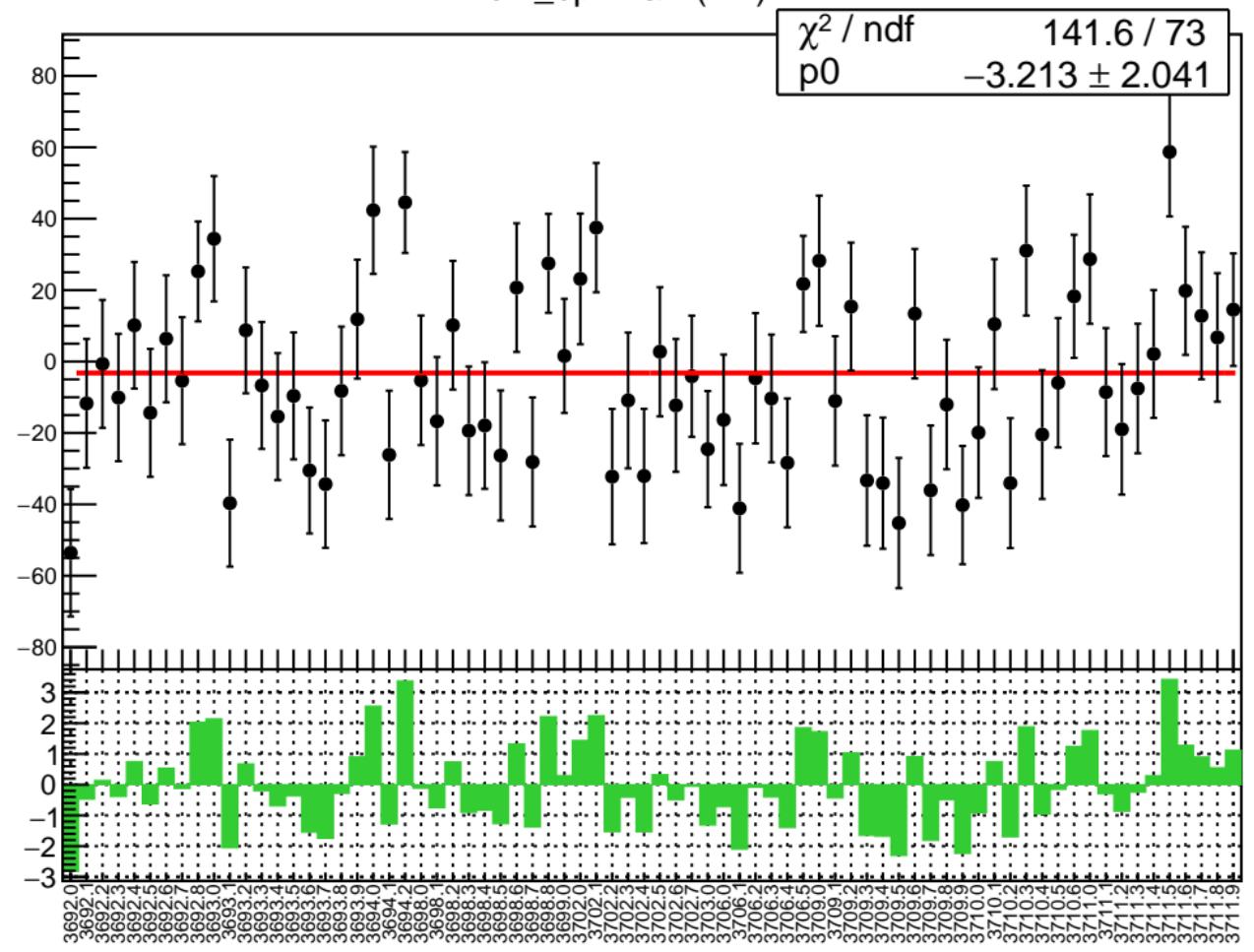


diff_bpm4eY RMS (um)

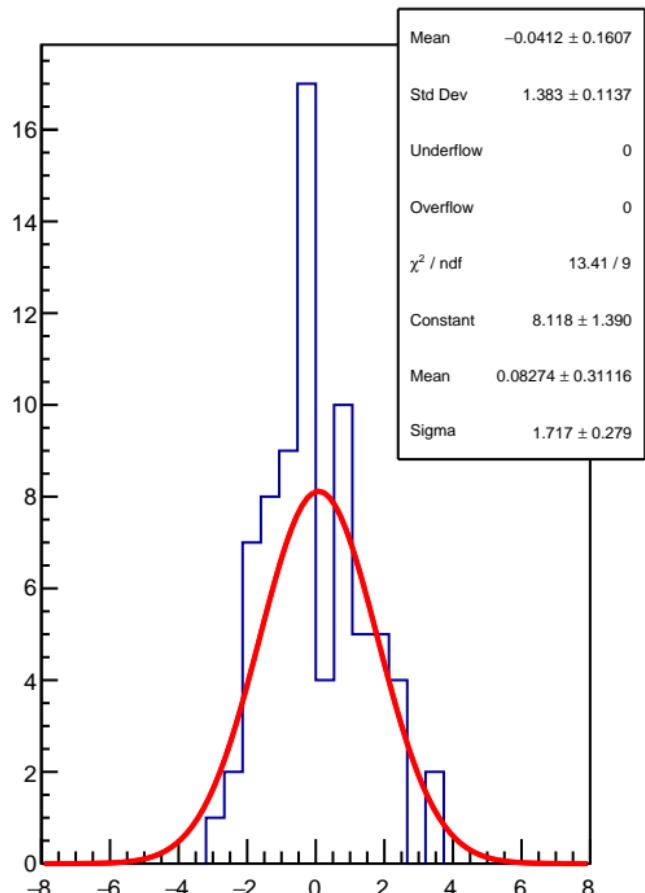
RMS (um)



diff_bpm4aX (nm)

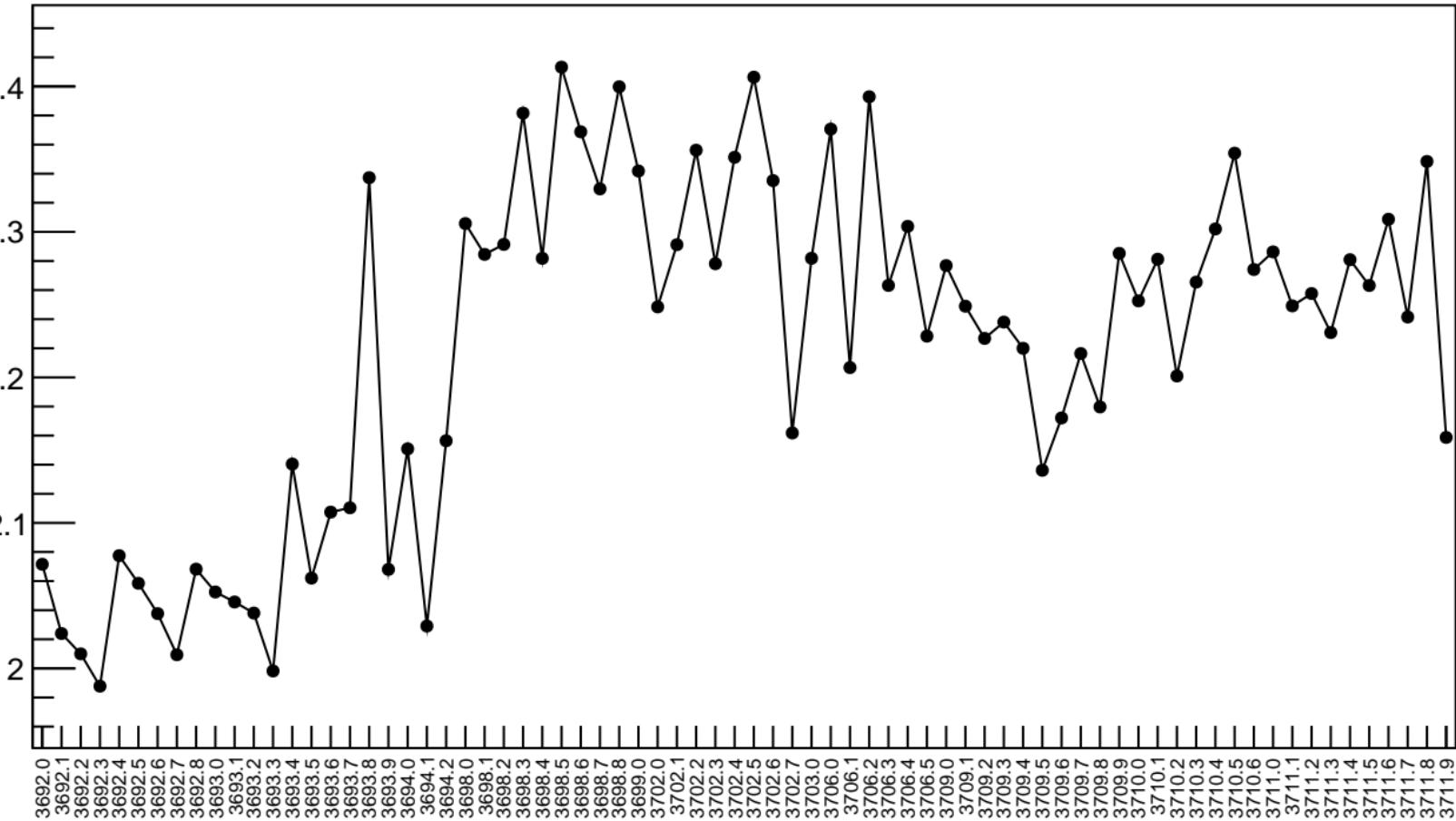


1D pull distribution

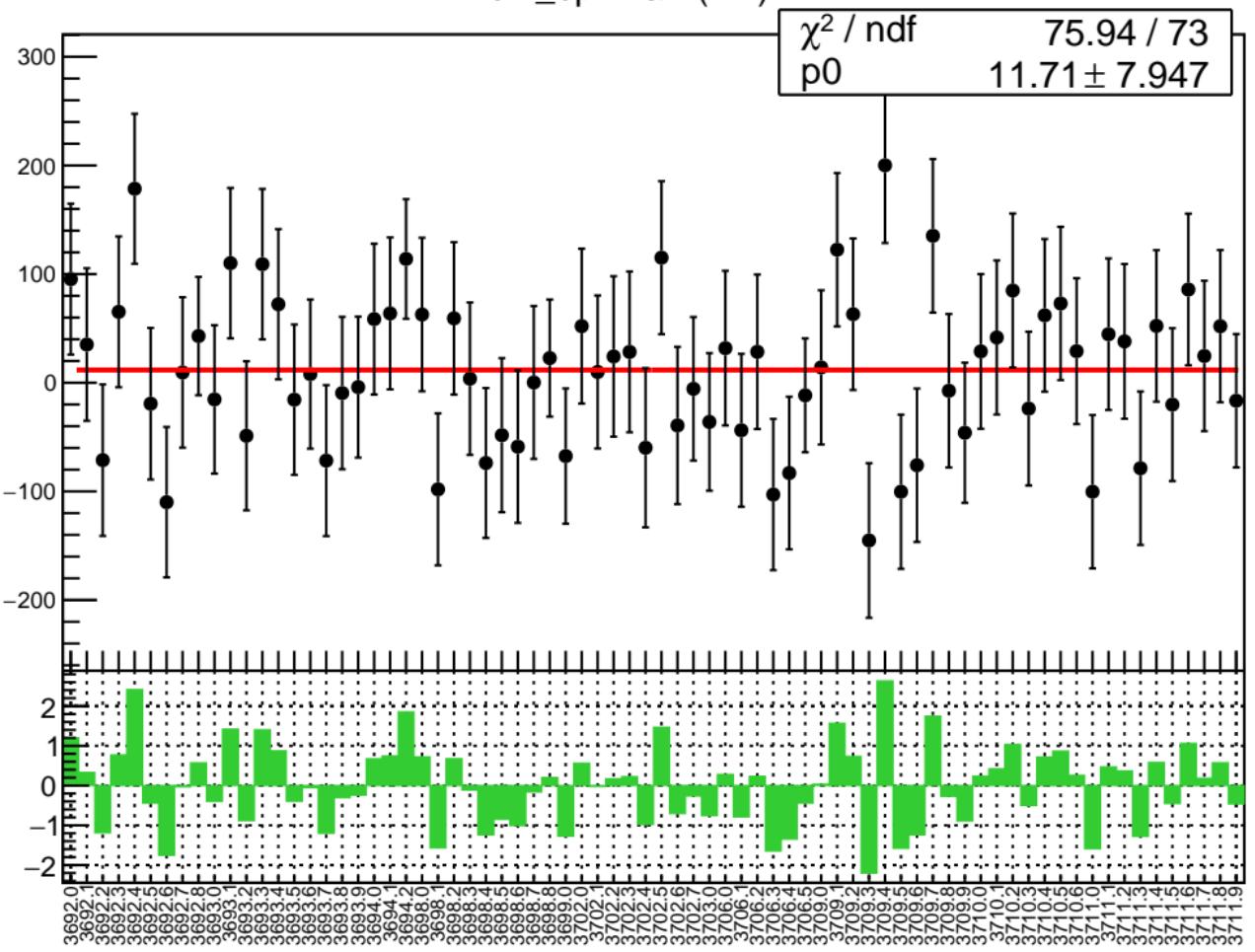


diff_bpm4aX RMS (um)

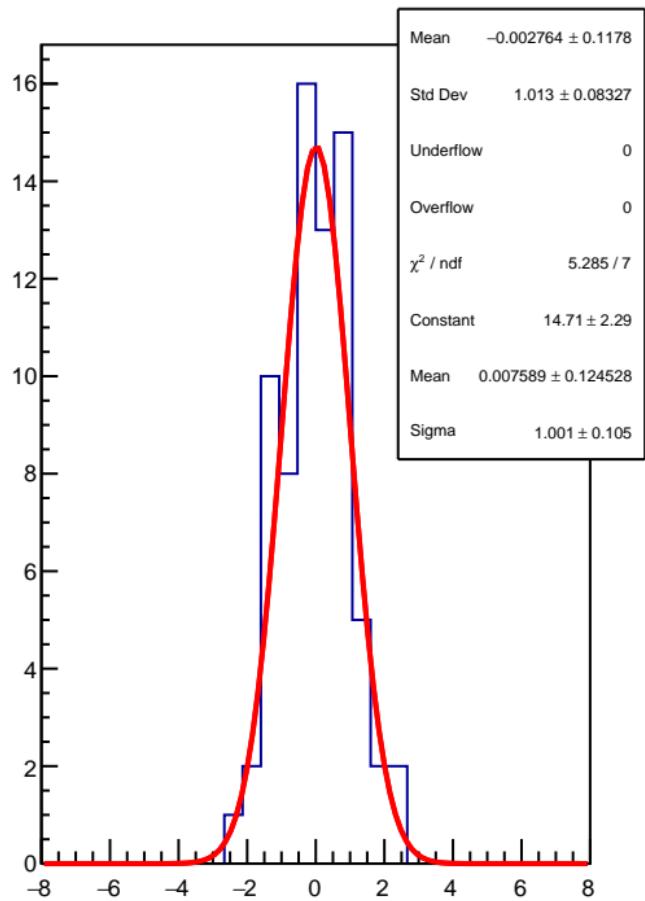
RMS (um)



diff_bpm4aY (nm)

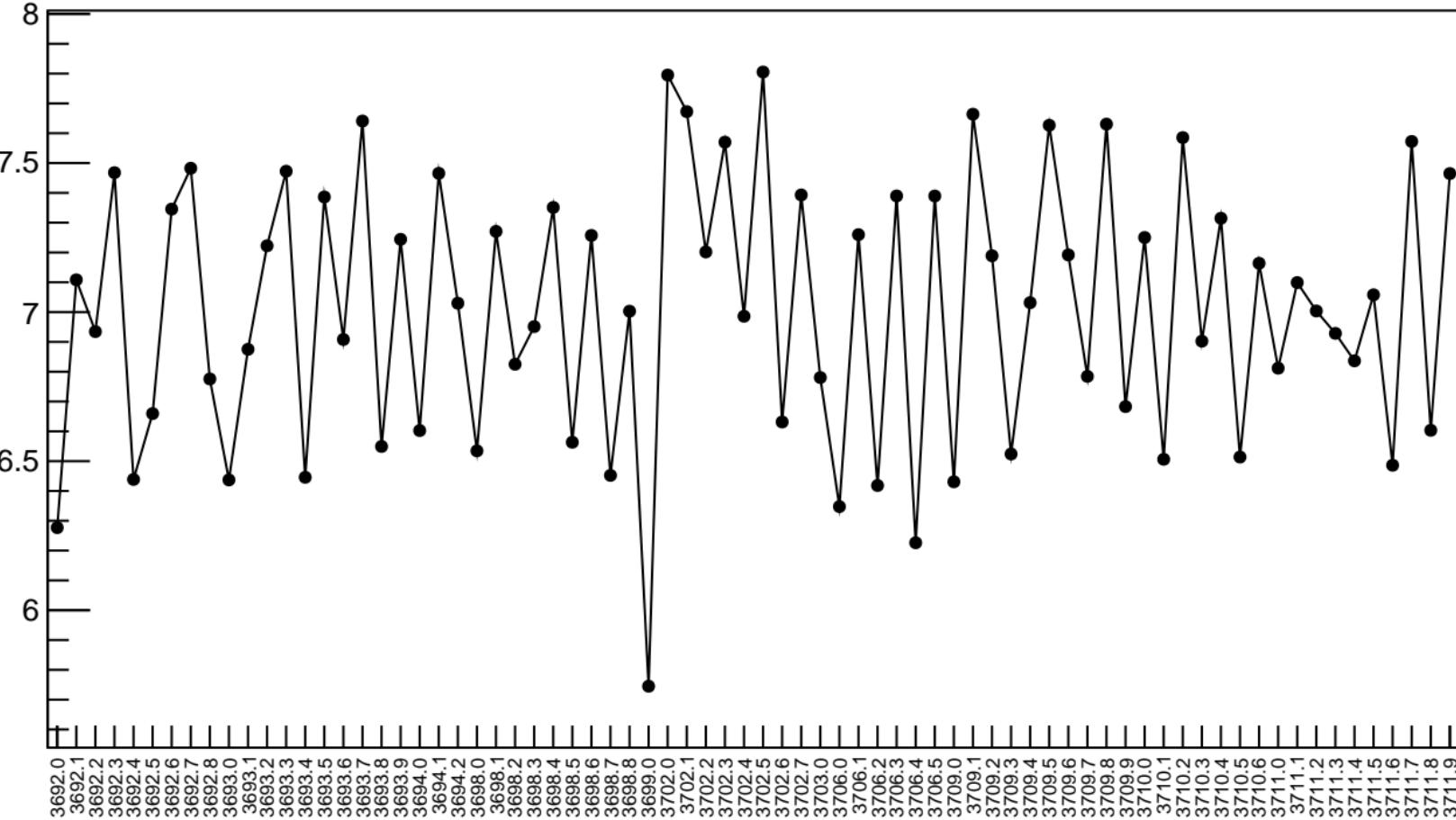


1D pull distribution



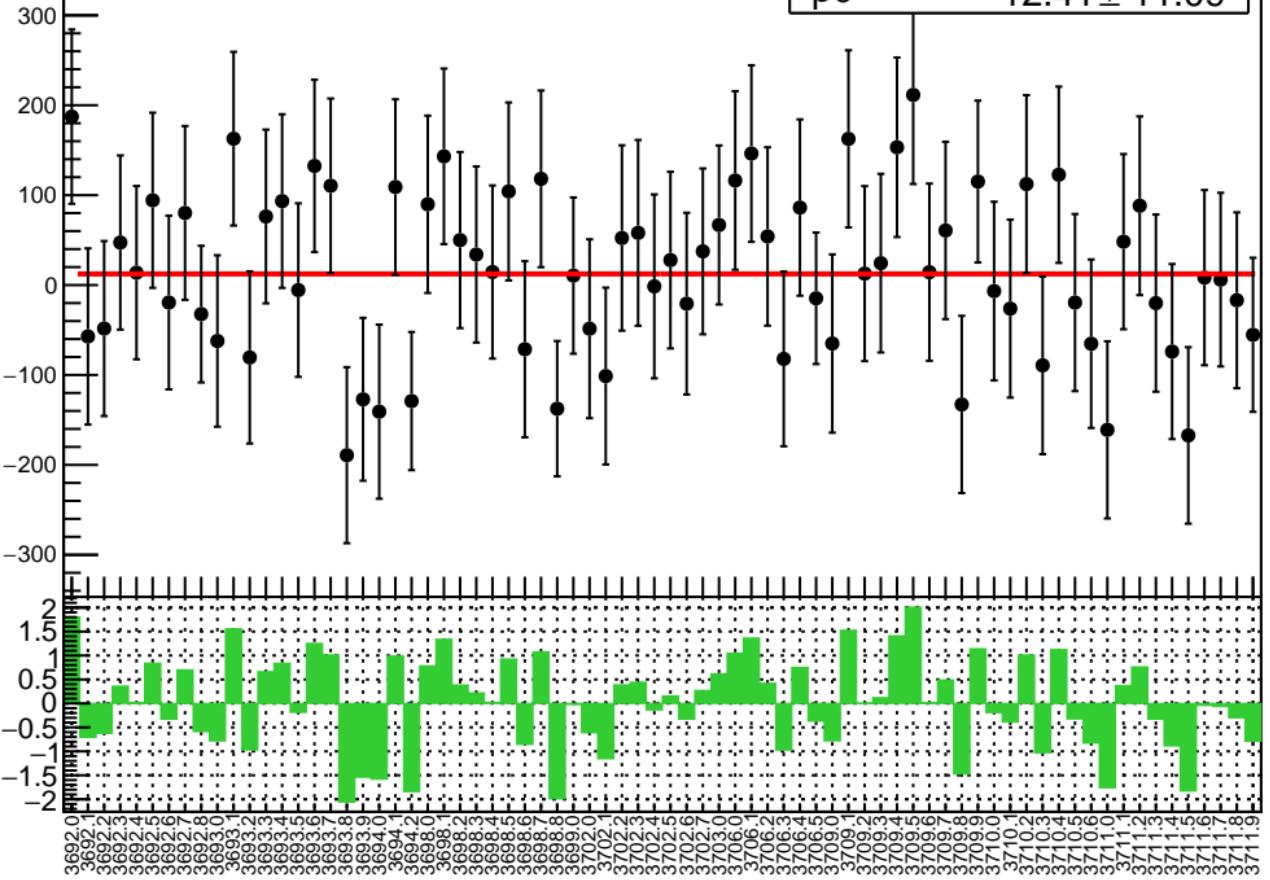
diff_bpm4aY RMS (um)

RMS (um)

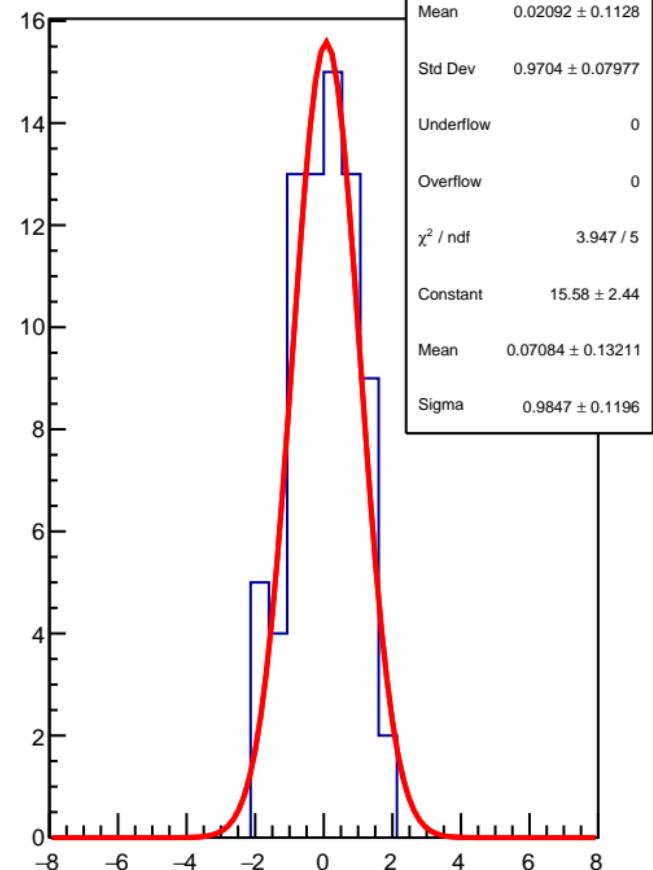


diff_bpm1X (nm)

χ^2 / ndf
69.72 / 73
p0
 12.41 ± 11.09



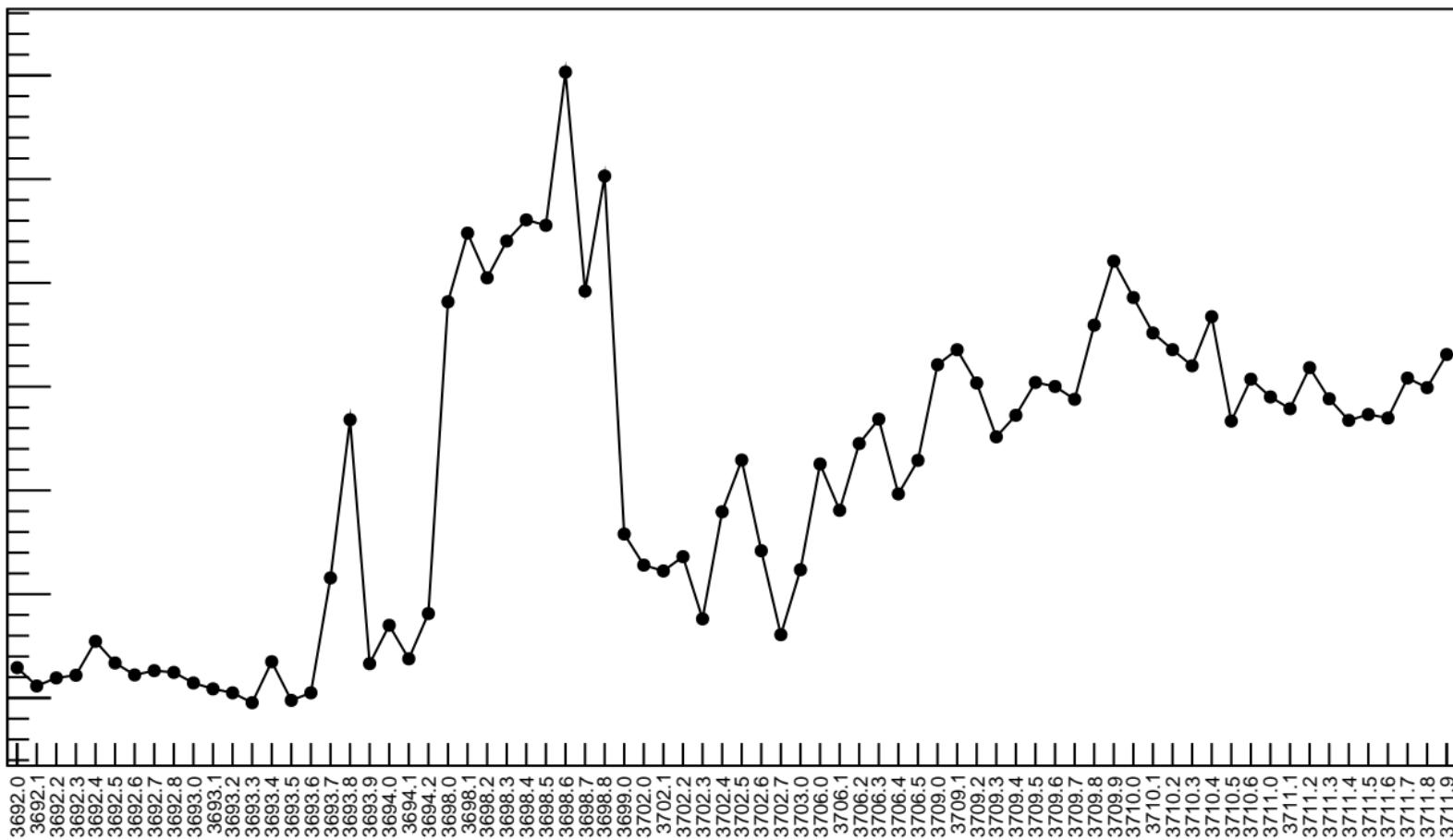
1D pull distribution



diff_bpm1X RMS (um)

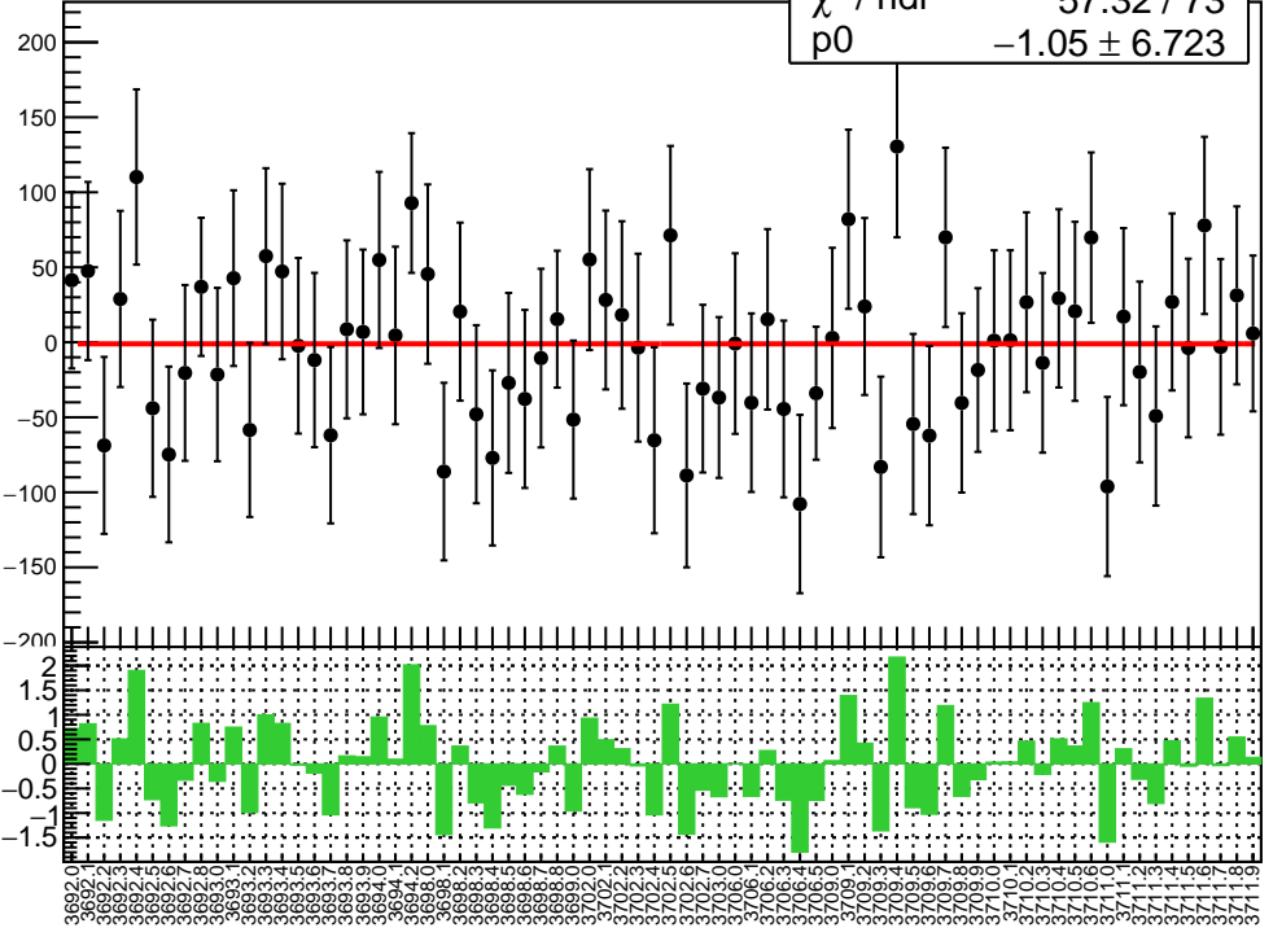
RMS (um)

11.5
11
10.5
10
9.5
9
8.5

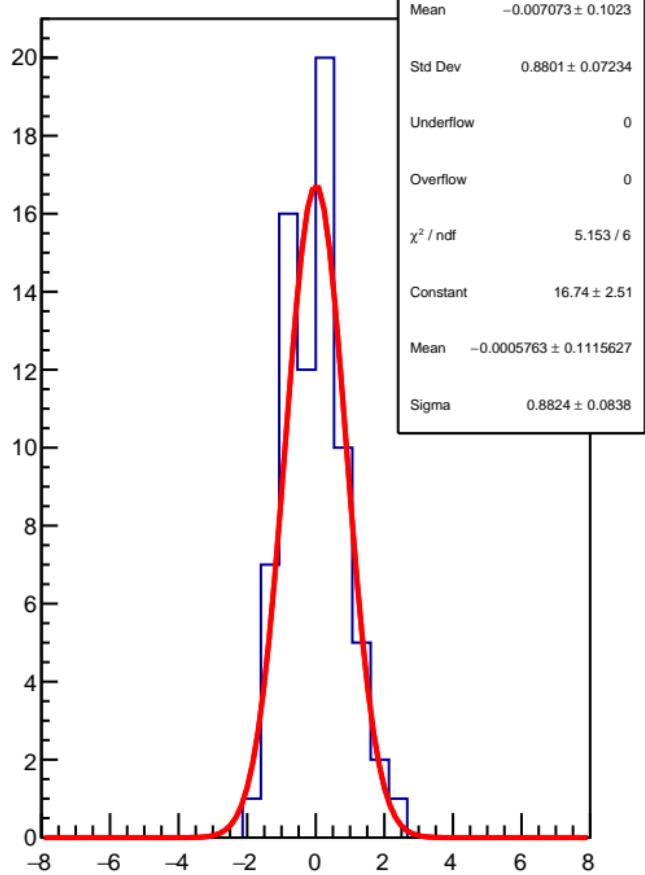


diff_bpm1Y (nm)

χ^2 / ndf 57.32 / 73
p0 -1.05 ± 6.723

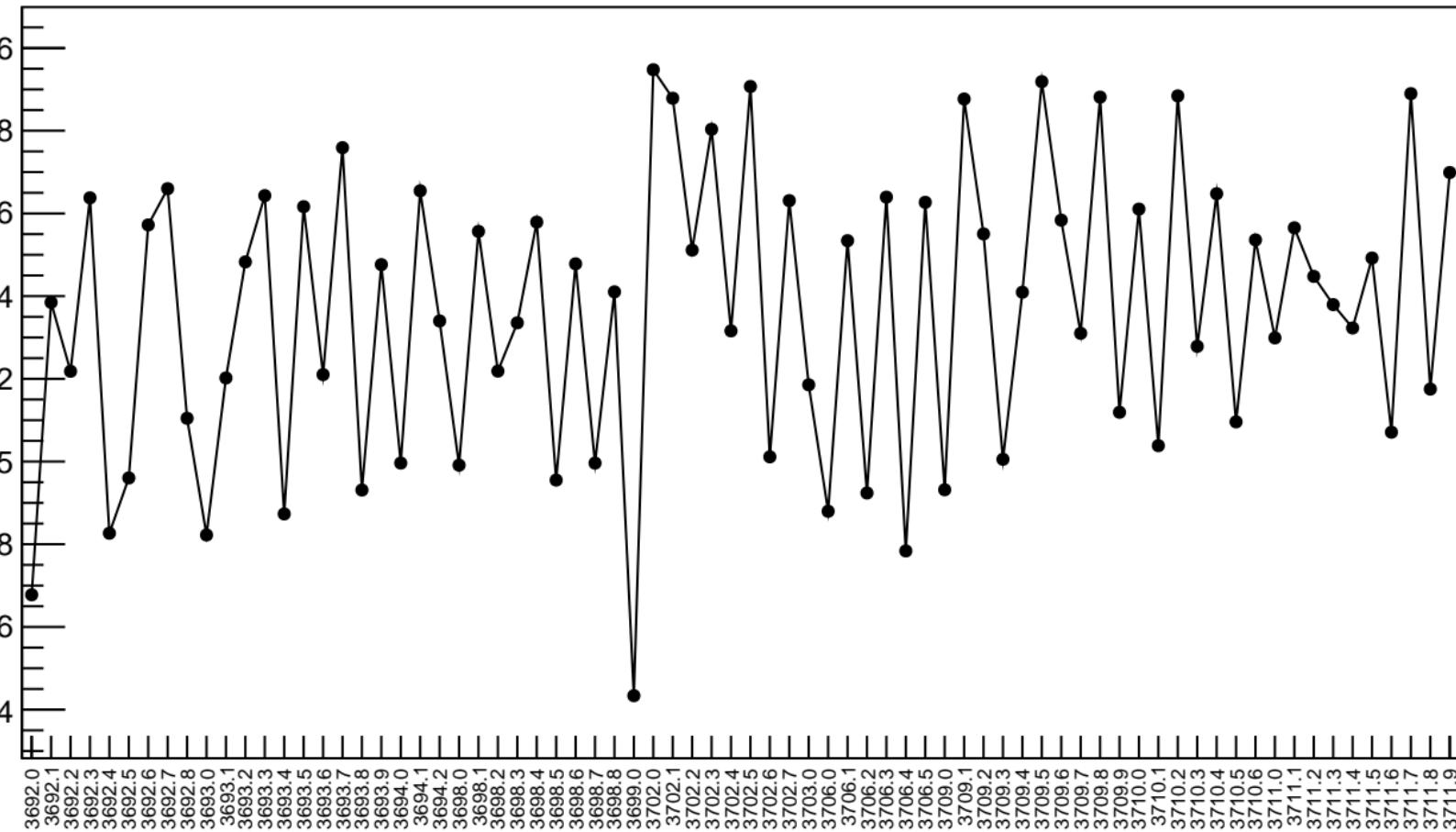


1D pull distribution



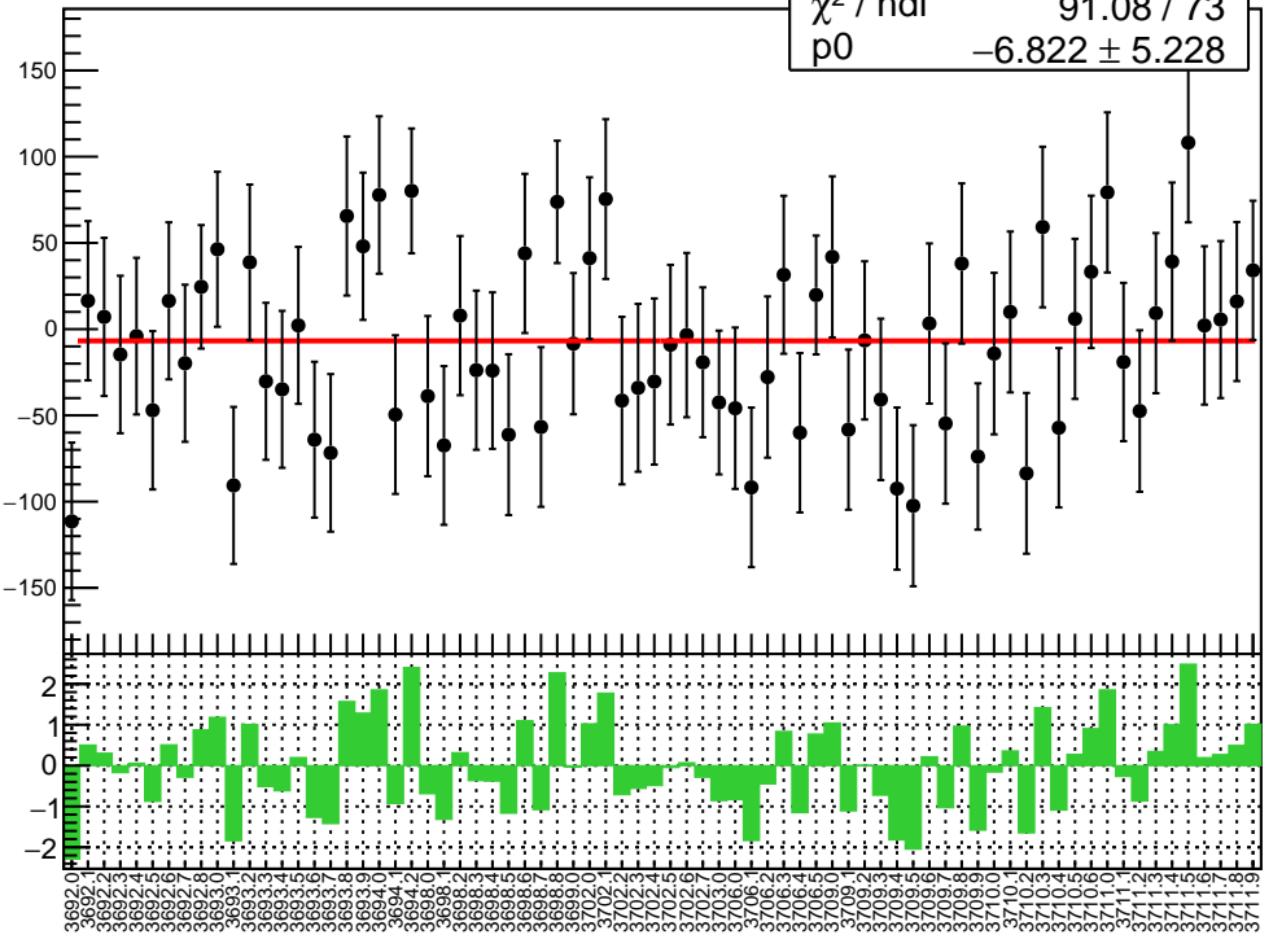
diff_bpm1Y RMS (um)

RMS (um)

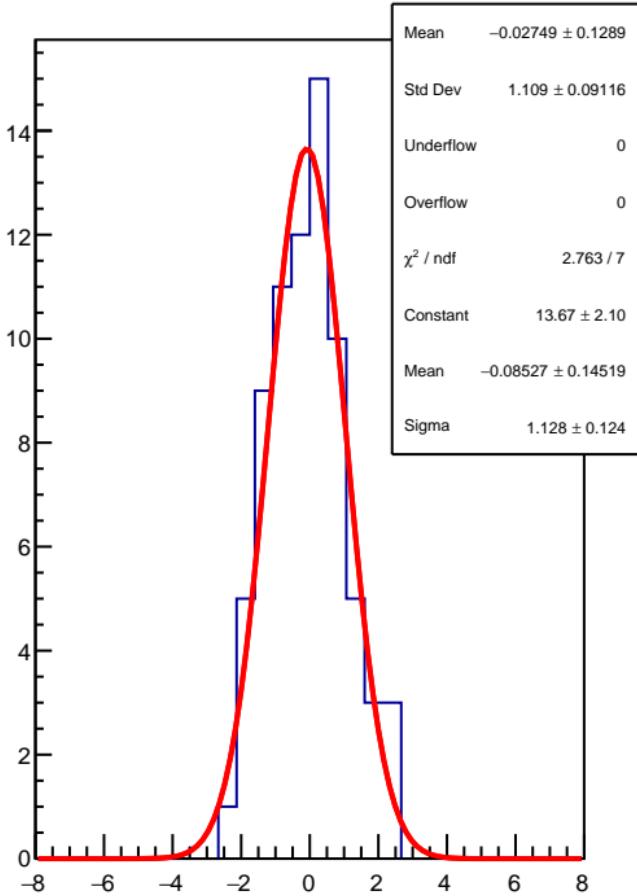


diff_bpm16X (nm)

χ^2 / ndf 91.08 / 73
 p_0 -6.822 ± 5.228

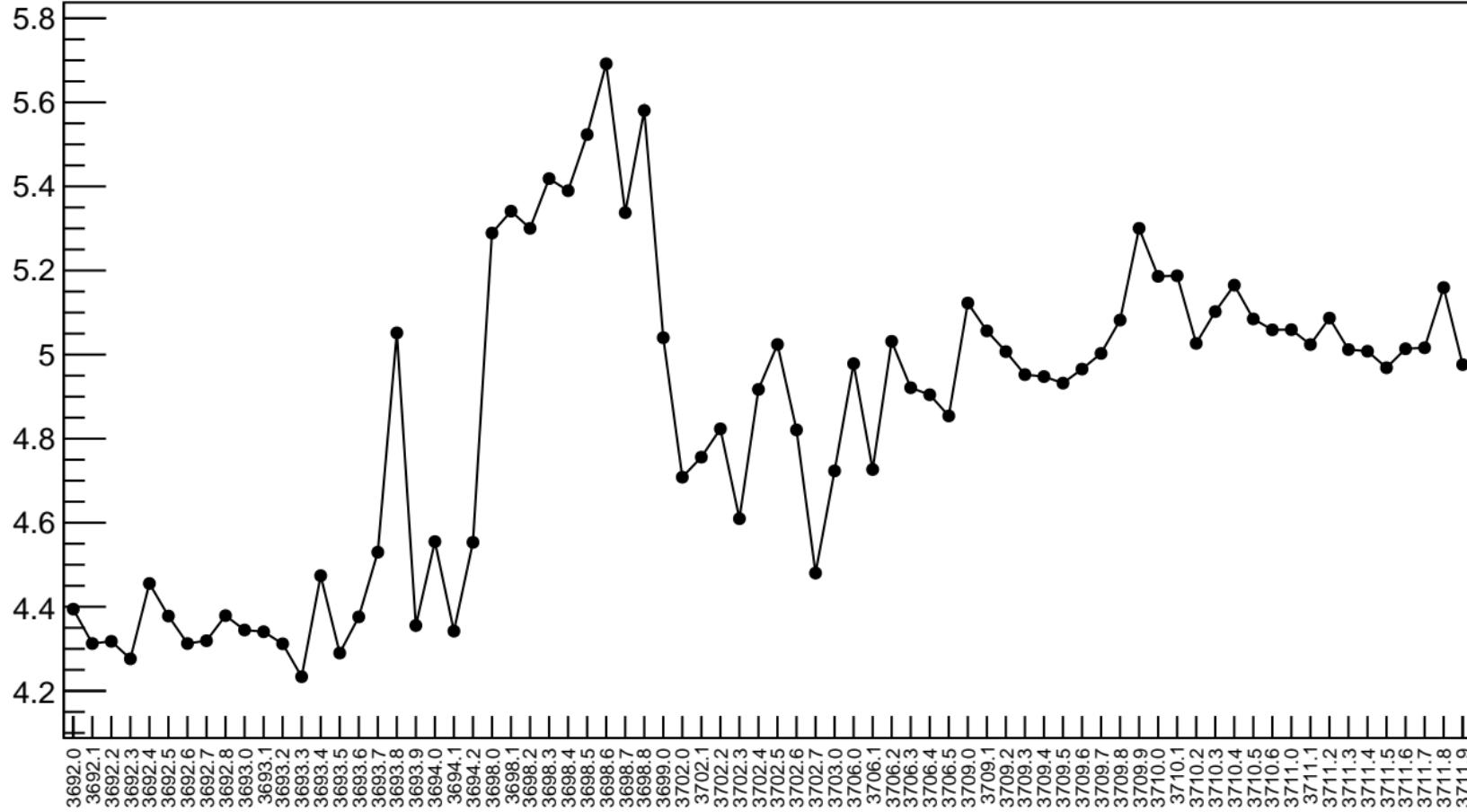


1D pull distribution

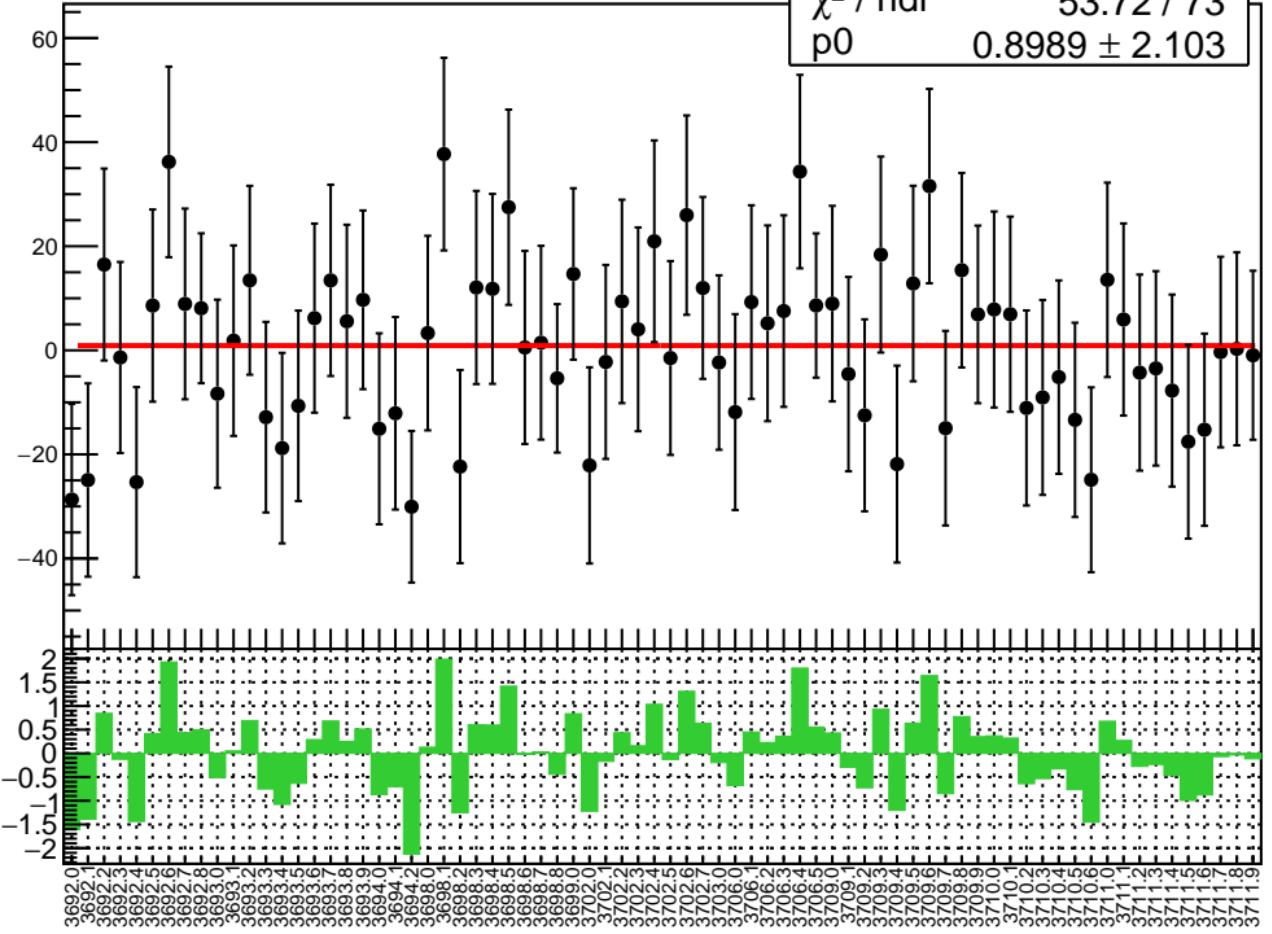


diff_bpm16X RMS (um)

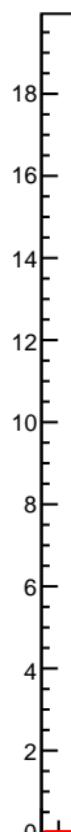
RMS (um)



diff_bpm16Y (nm)

 χ^2 / ndf 53.72 / 73
p0
 0.8989 ± 2.103 

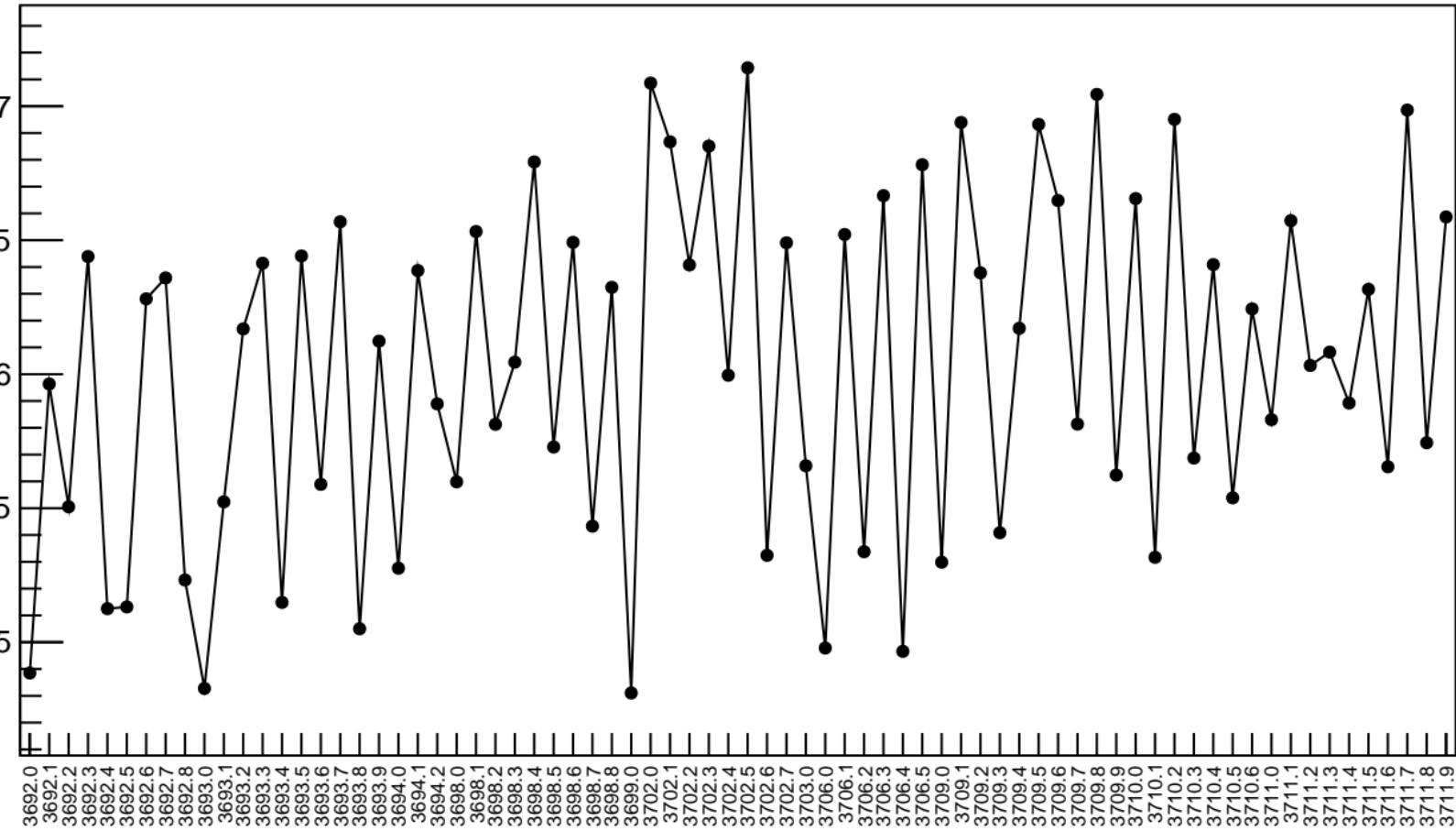
1D pull distribution



Mean	0.005405 ± 0.09904
Std Dev	0.852 ± 0.07004
Underflow	0
Overflow	0
χ^2 / ndf	5.761 / 5
Constant	18.06 ± 2.89
Mean	-0.1111 ± 0.1054
Sigma	0.8105 ± 0.0906

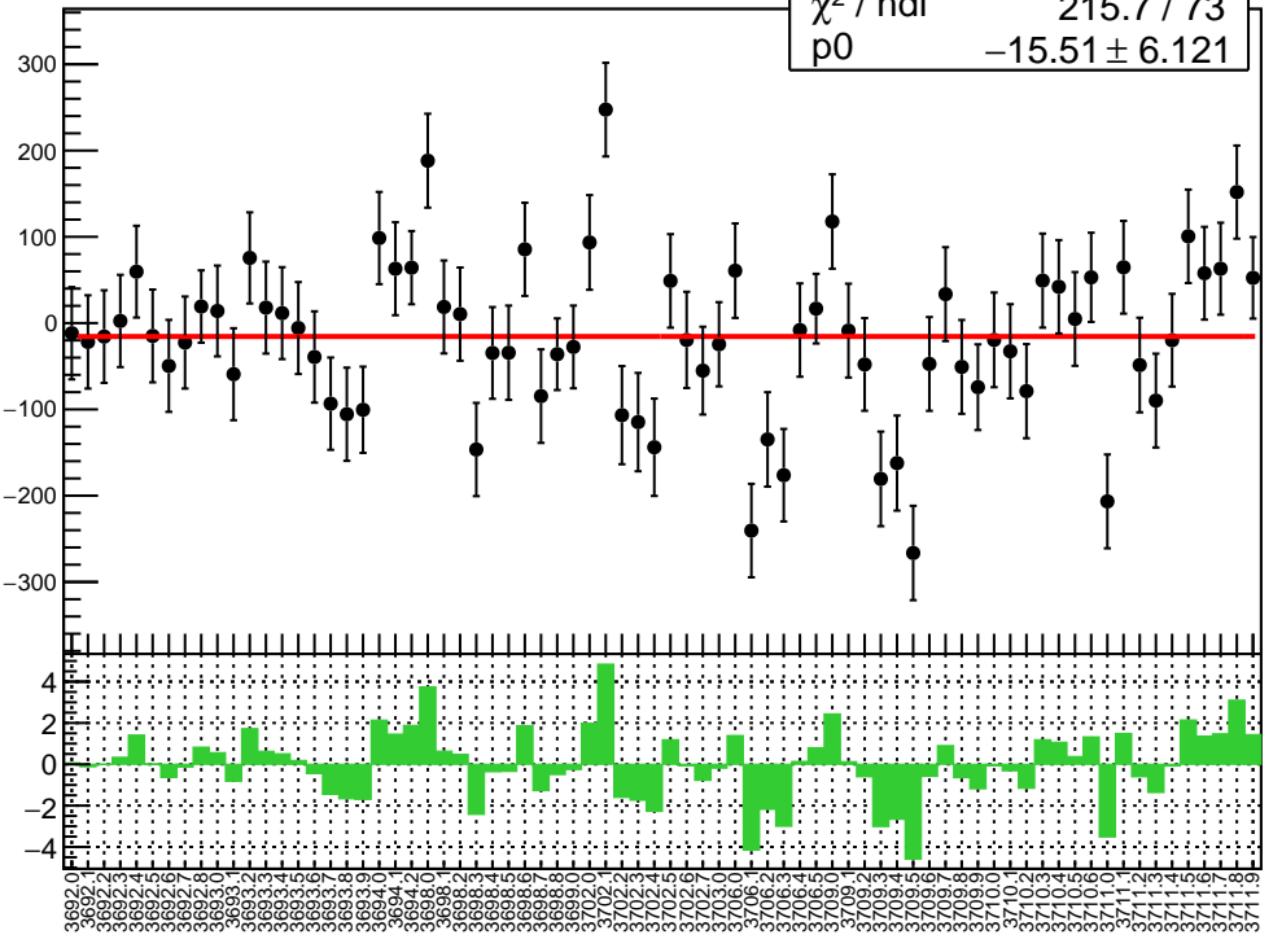
diff_bpm16Y RMS (um)

RMS (um)



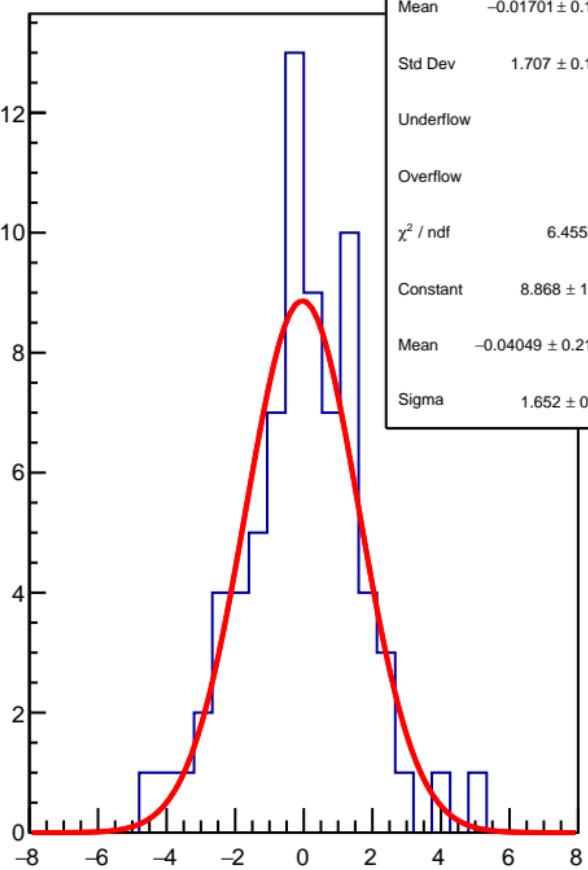
diff_bpm12X (nm)

χ^2 / ndf 215.7 / 73
p0 -15.51 ± 6.121

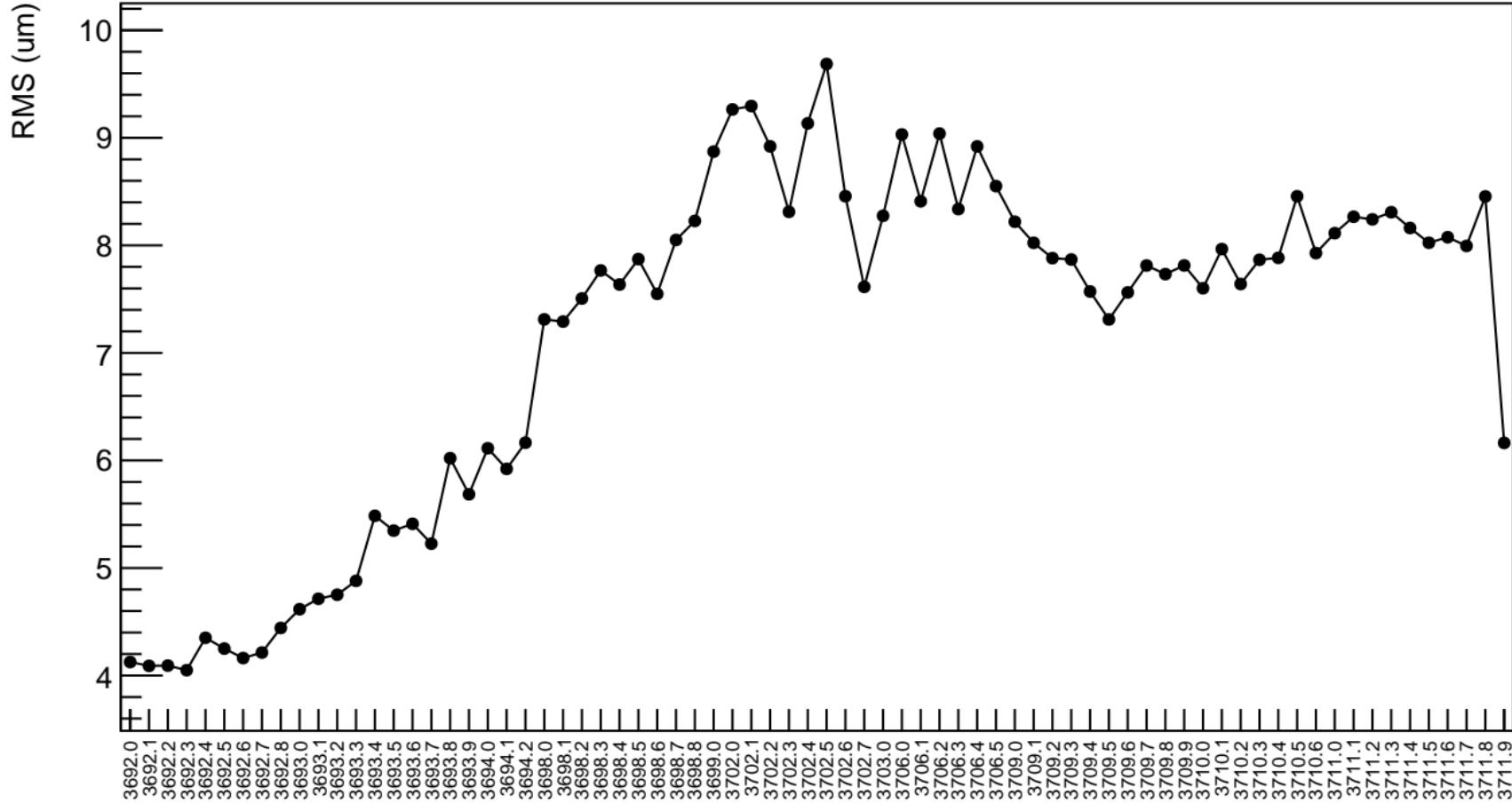


1D pull distribution

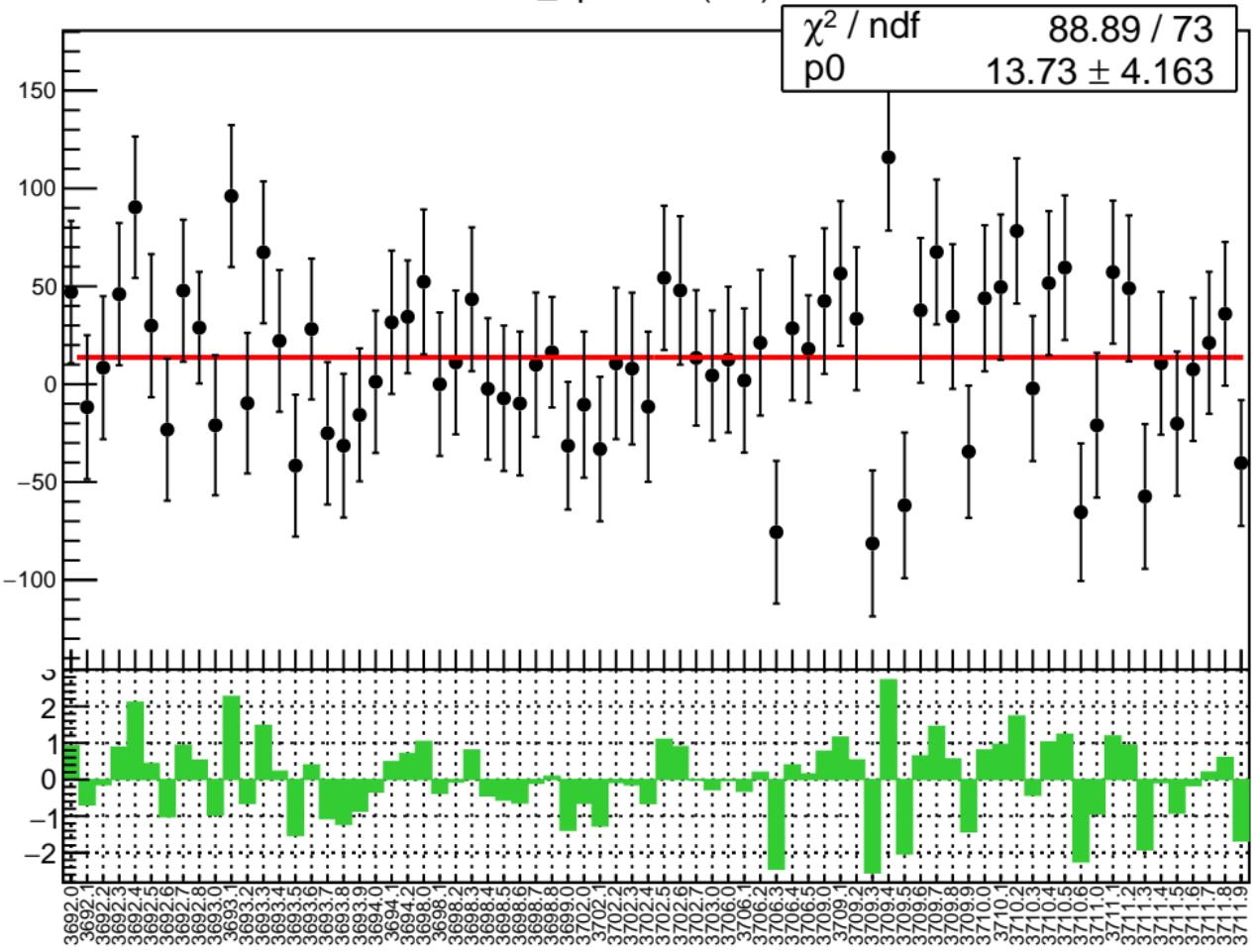
Mean -0.01701 ± 0.1985
Std Dev 1.707 ± 0.1403
Underflow 0
Overflow 0
 χ^2 / ndf 6.455 / 14
Constant 8.868 ± 1.503
Mean -0.04049 ± 0.21292
Sigma 1.652 ± 0.213



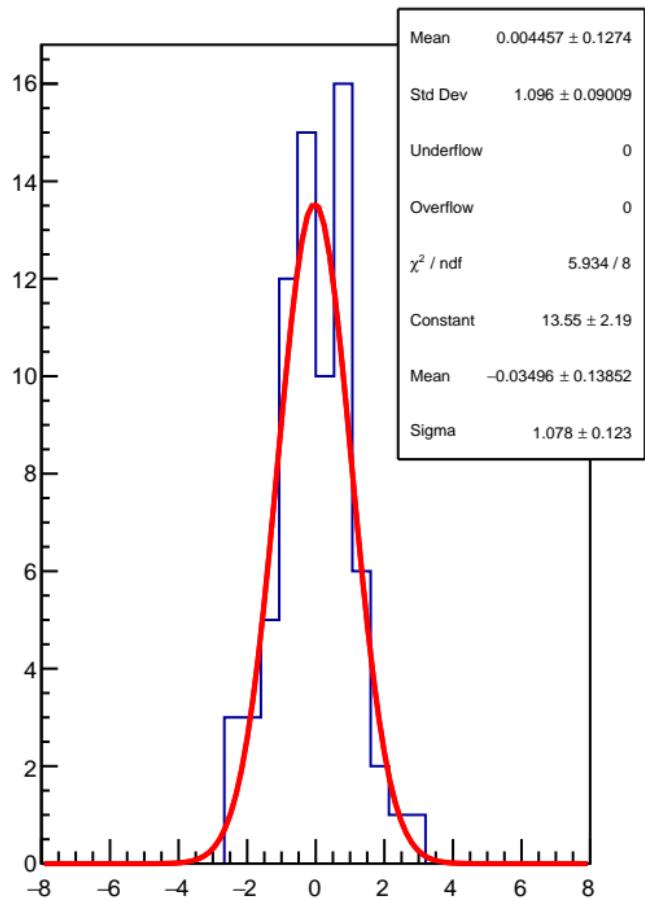
diff_bpm12X RMS (um)



diff_bpm12Y (nm)

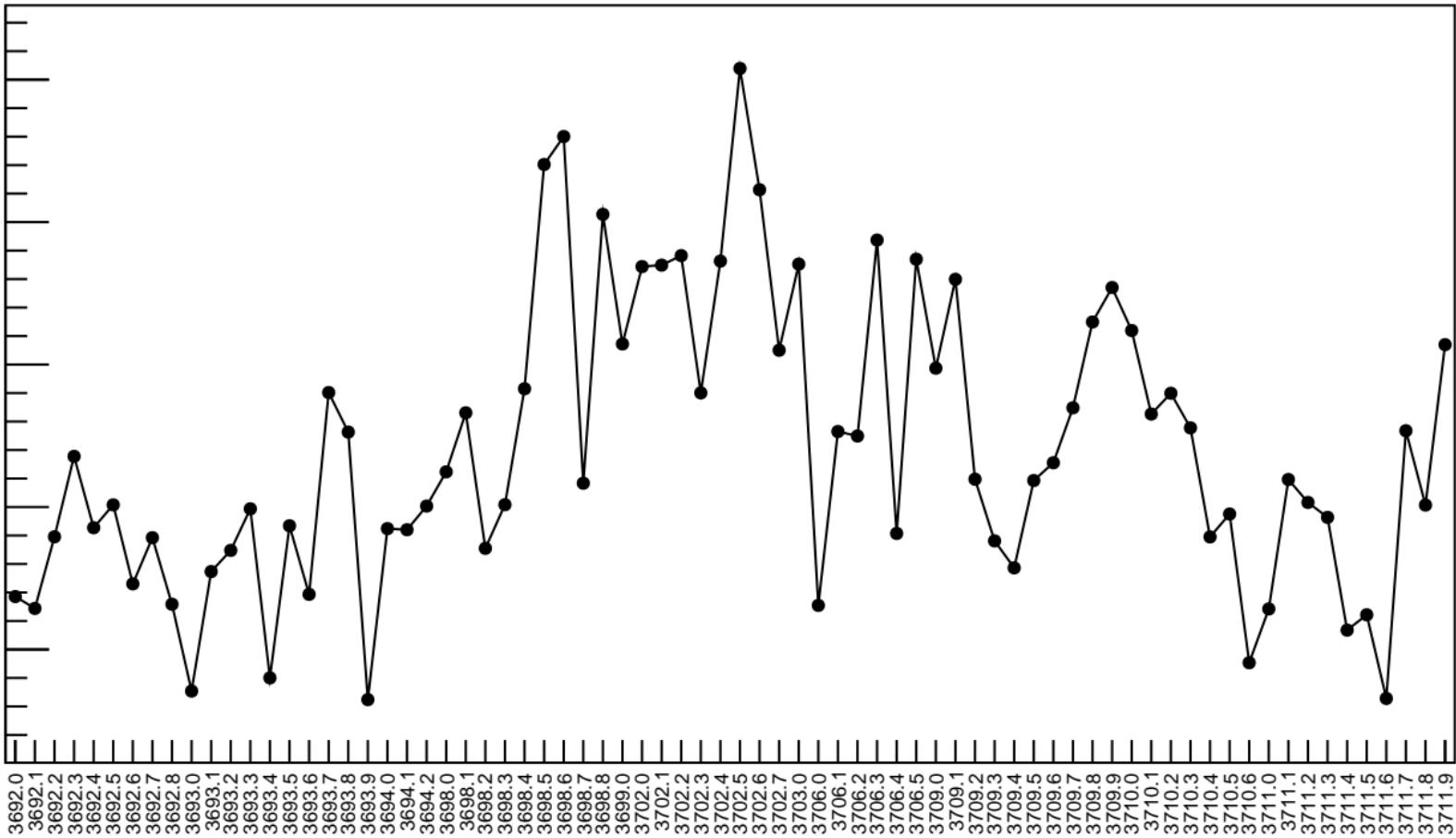


1D pull distribution



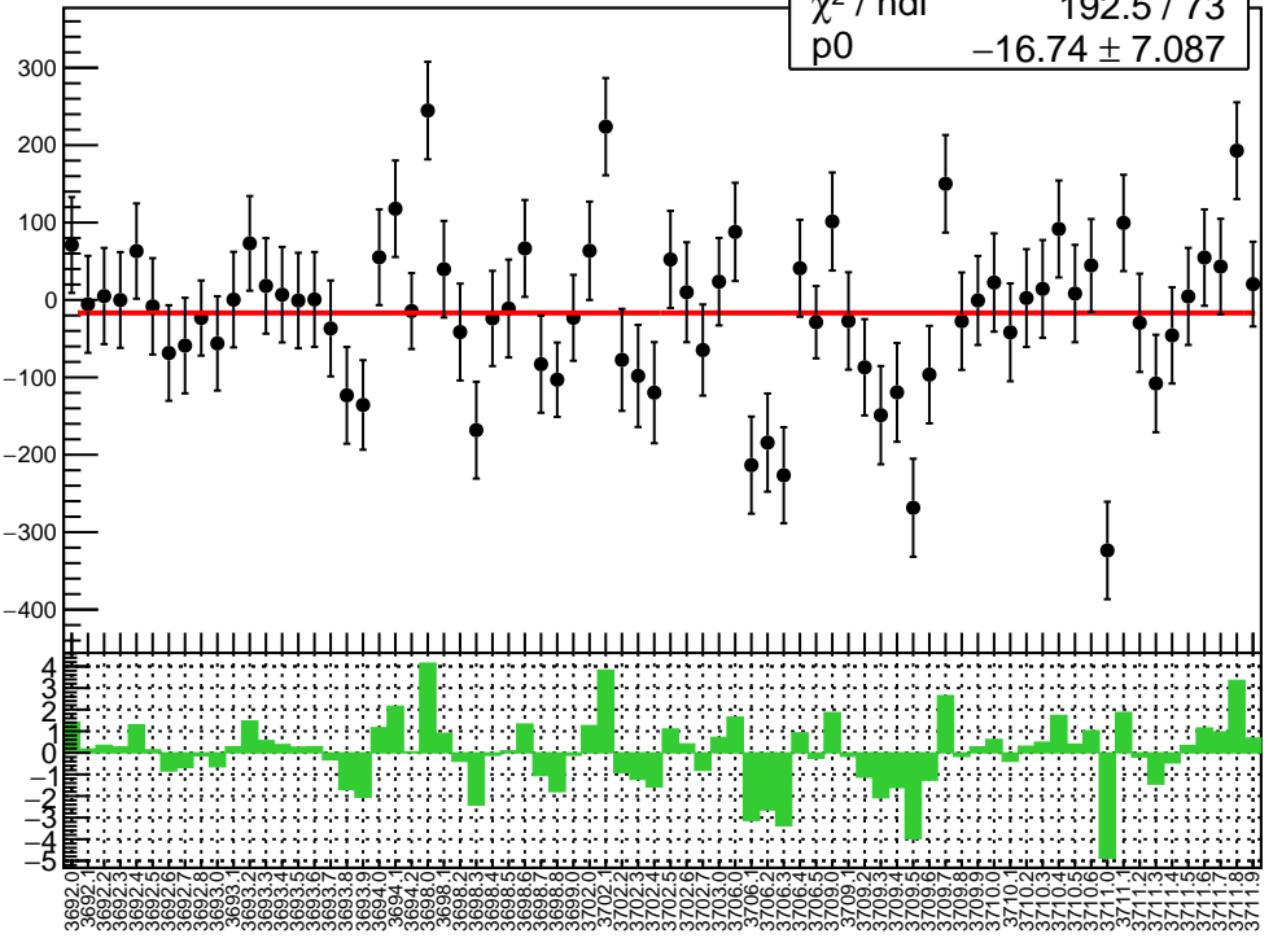
diff_bpm12Y RMS (um)

RMS (um)

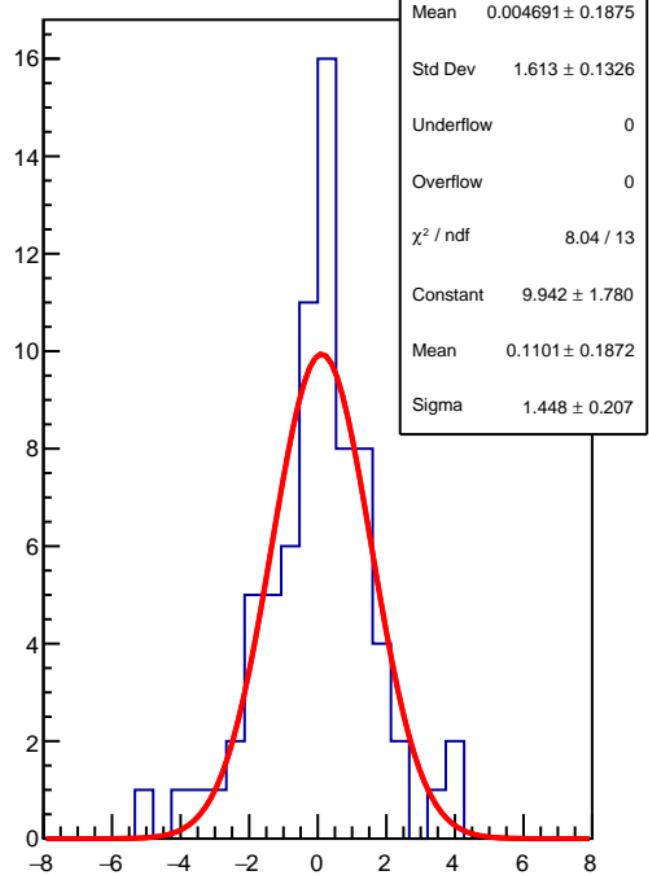


diff_bpm11X (nm)

χ^2 / ndf 192.5 / 73
 p_0 -16.74 ± 7.087

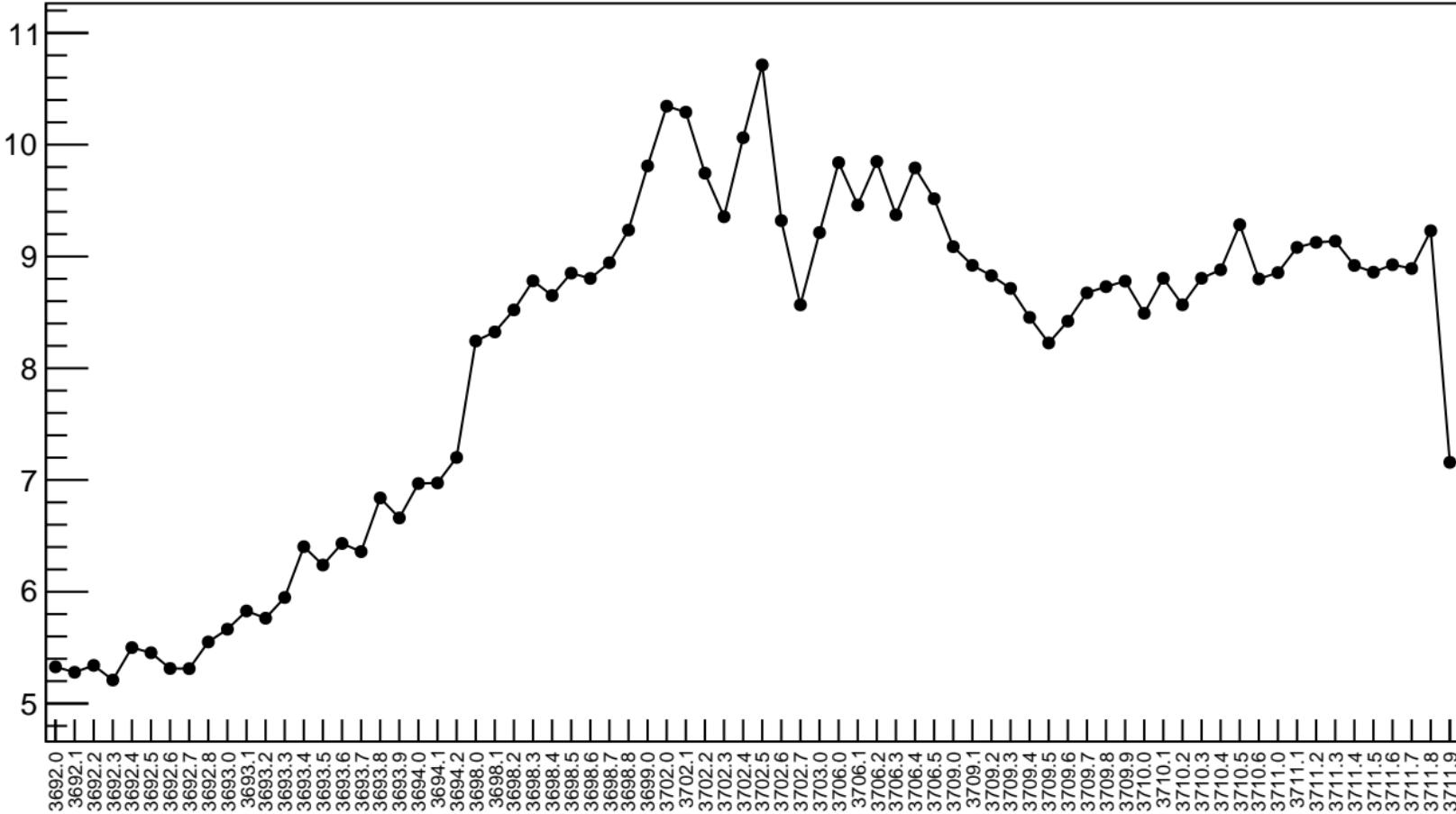


1D pull distribution



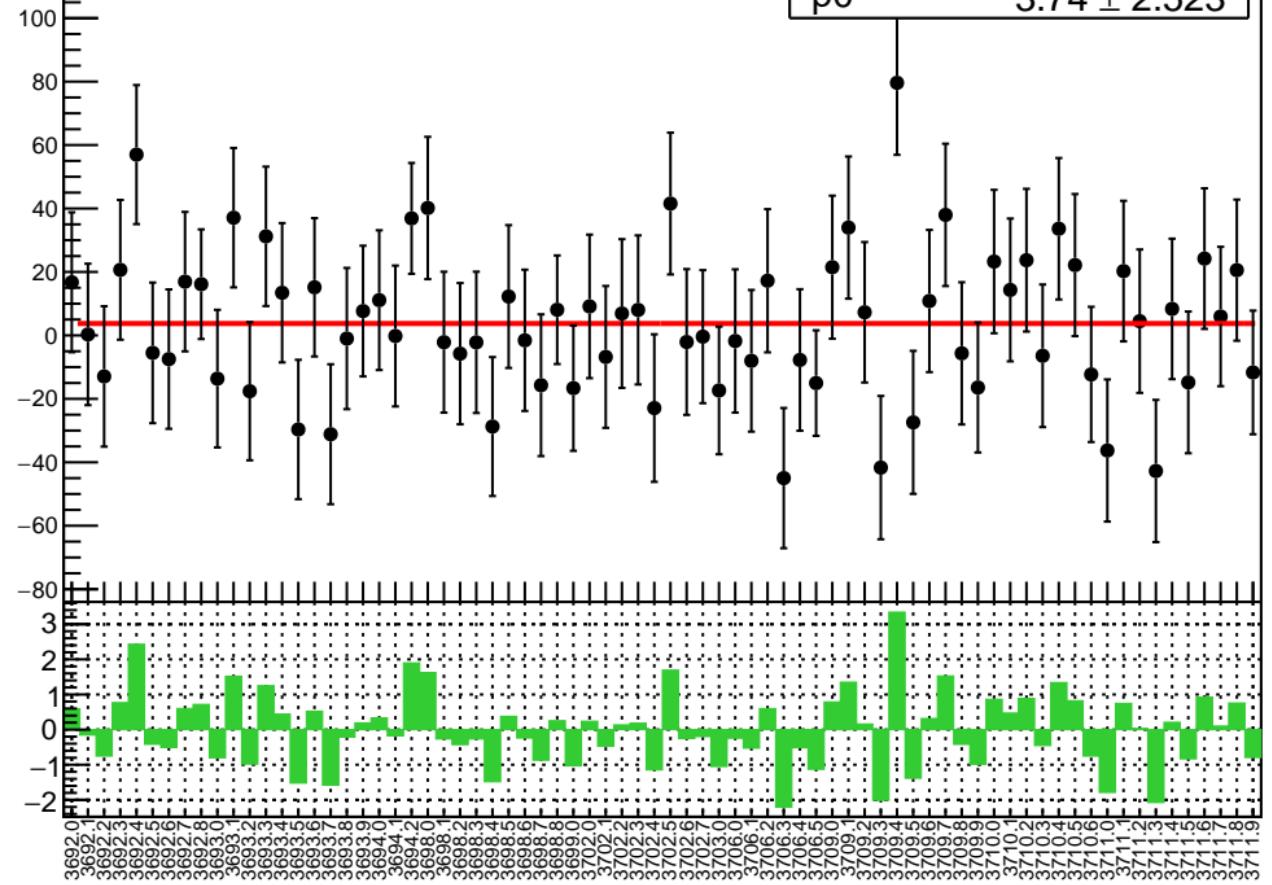
diff_bpm11X RMS (um)

RMS (um)

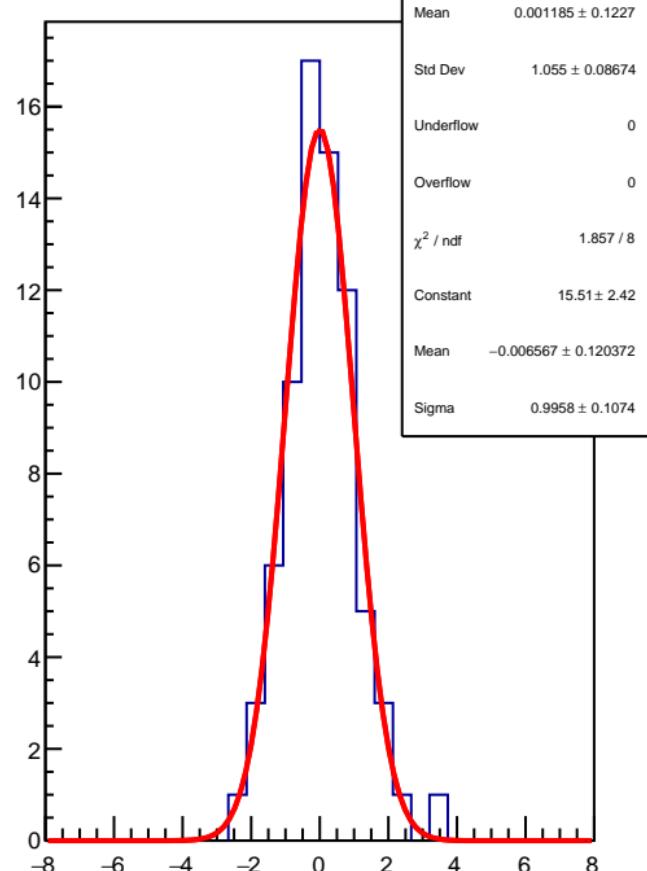


diff_bpm11Y (nm)

χ^2 / ndf 82.4 / 73
 p_0 3.74 ± 2.523

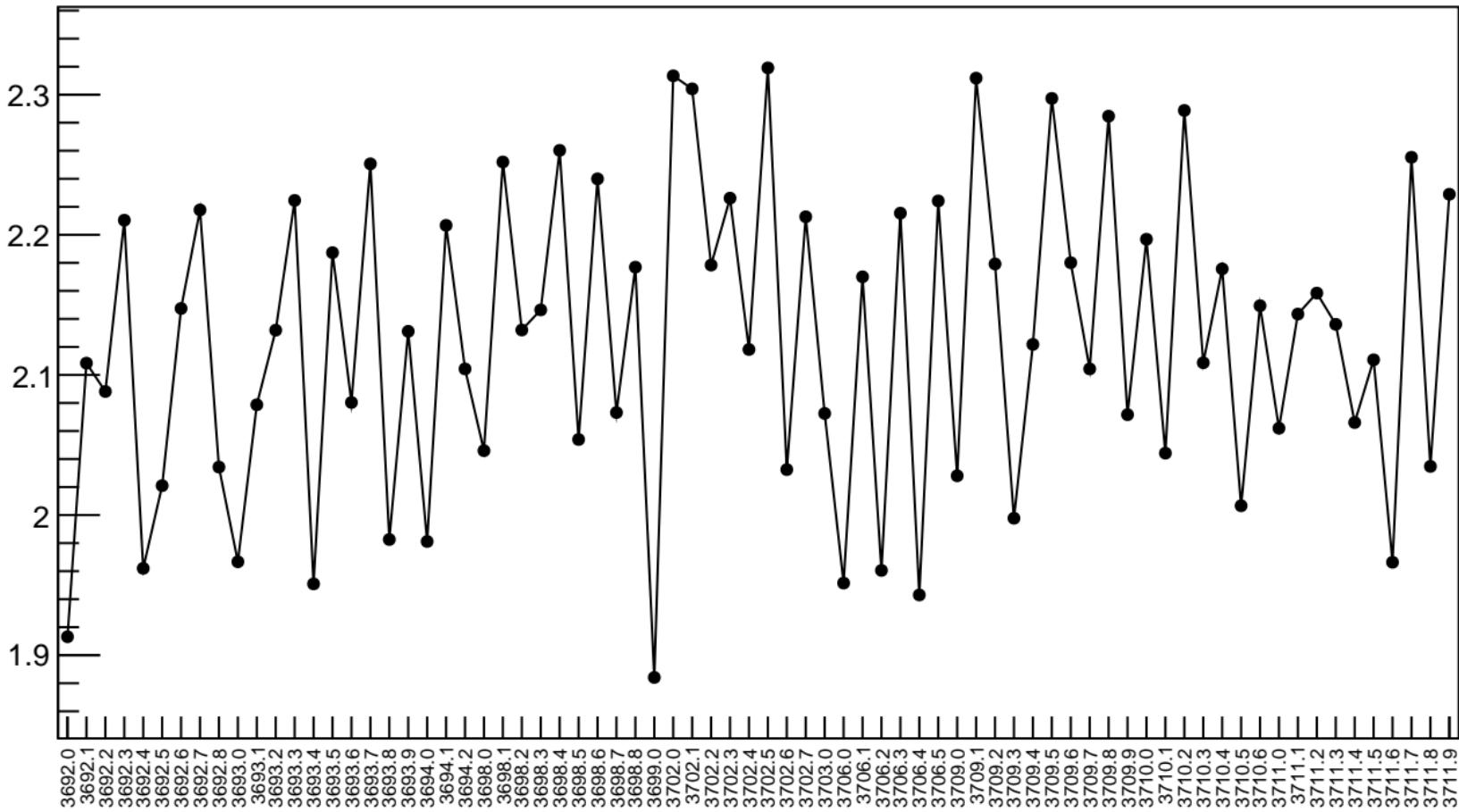


1D pull distribution

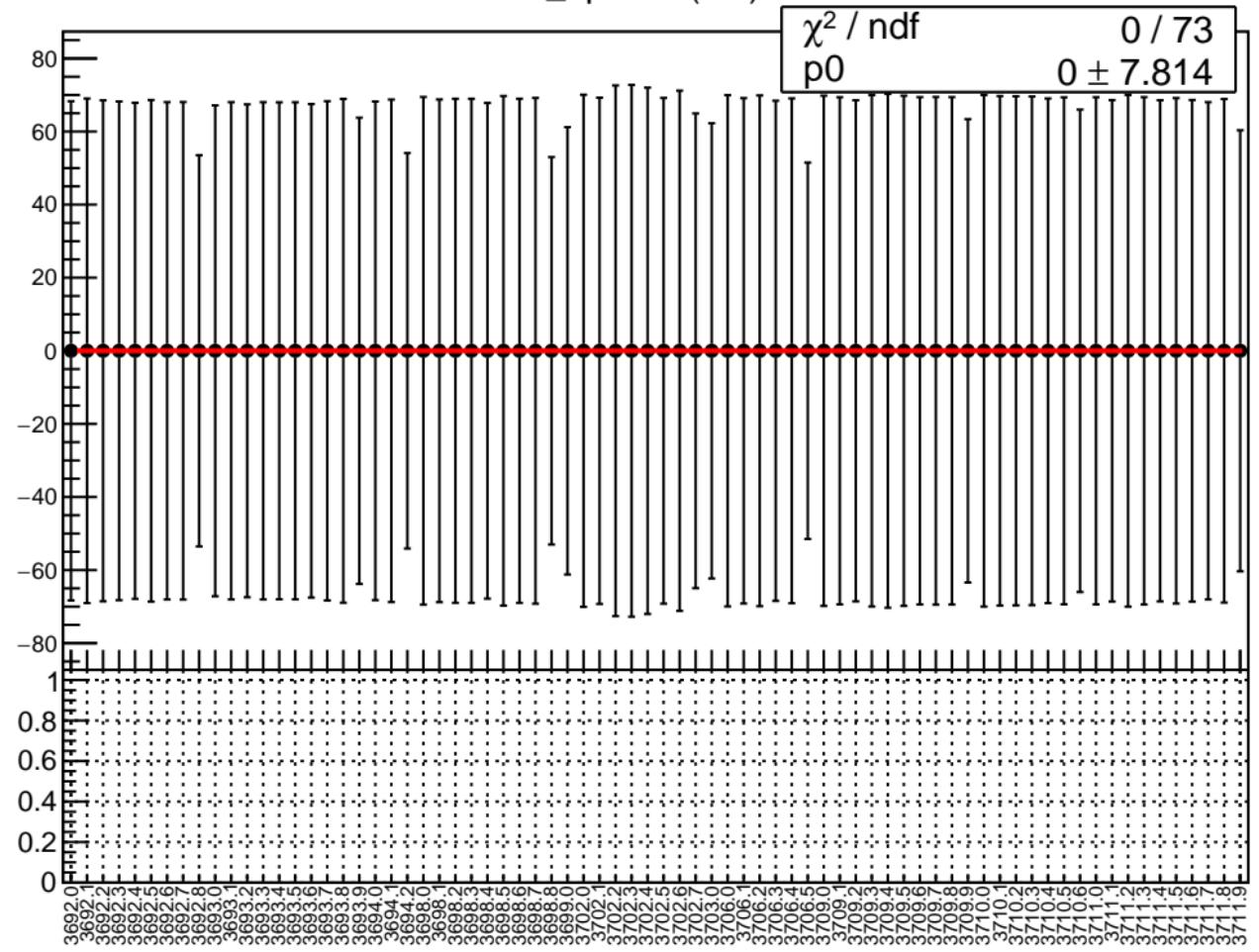


diff_bpm11Y RMS (um)

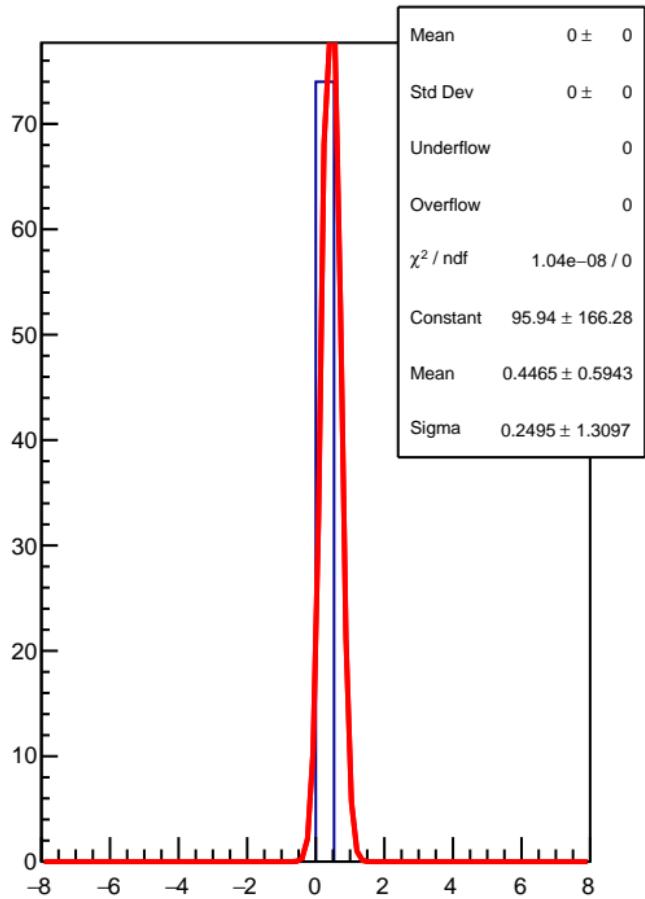
RMS (um)



diff_bpm8X (nm)

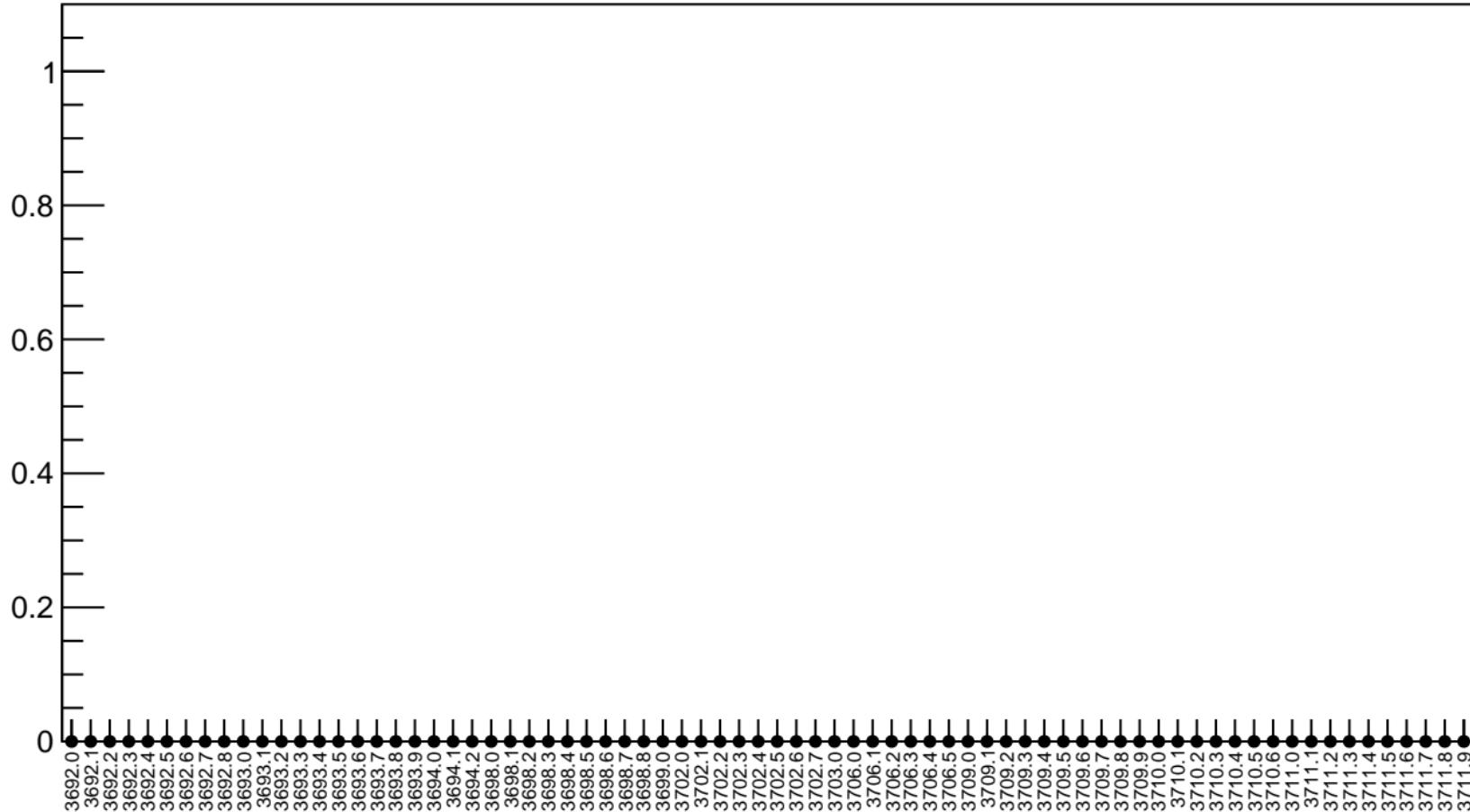


1D pull distribution

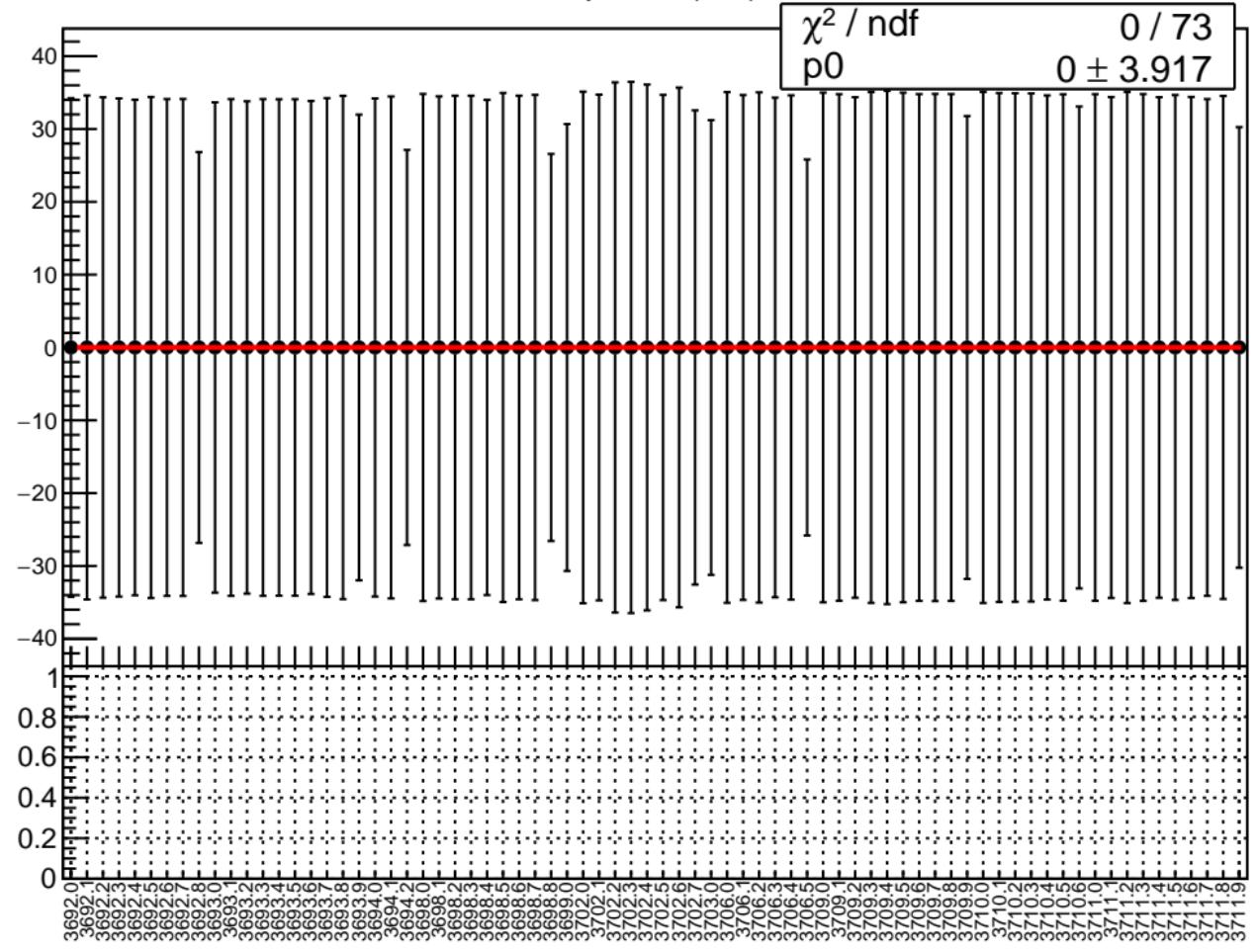


diff_bpm8X RMS (um)

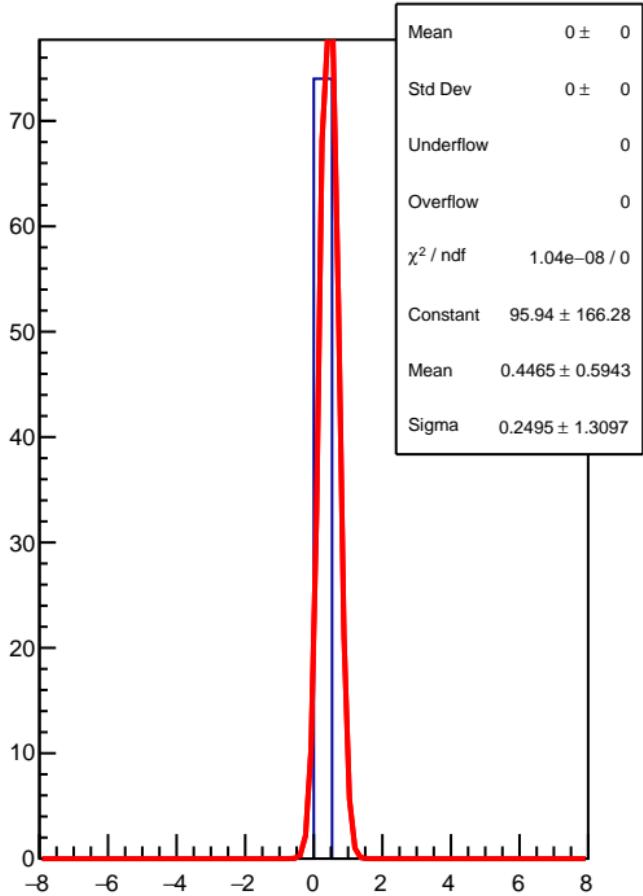
RMS (um)



diff_bpm8Y (nm)

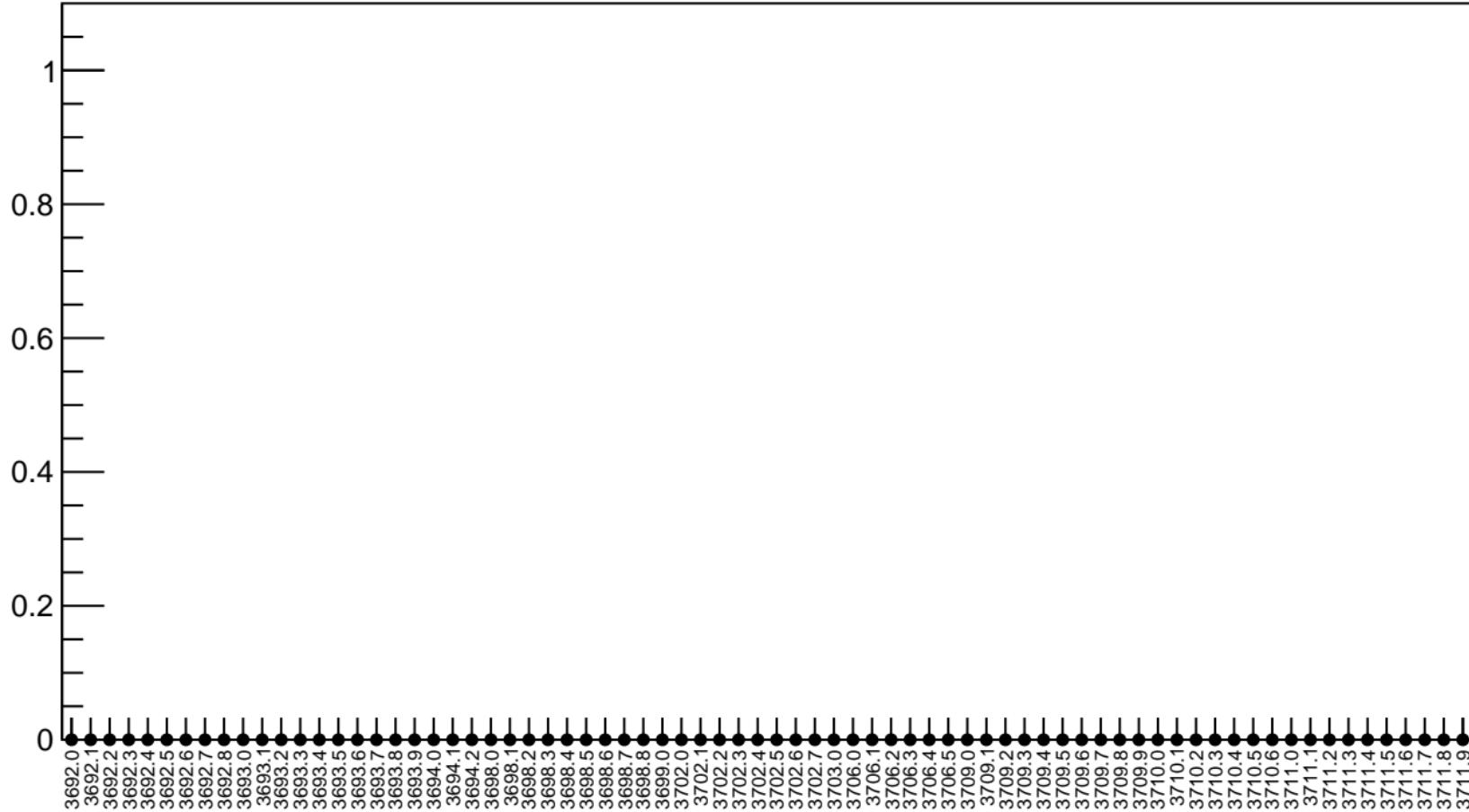


1D pull distribution



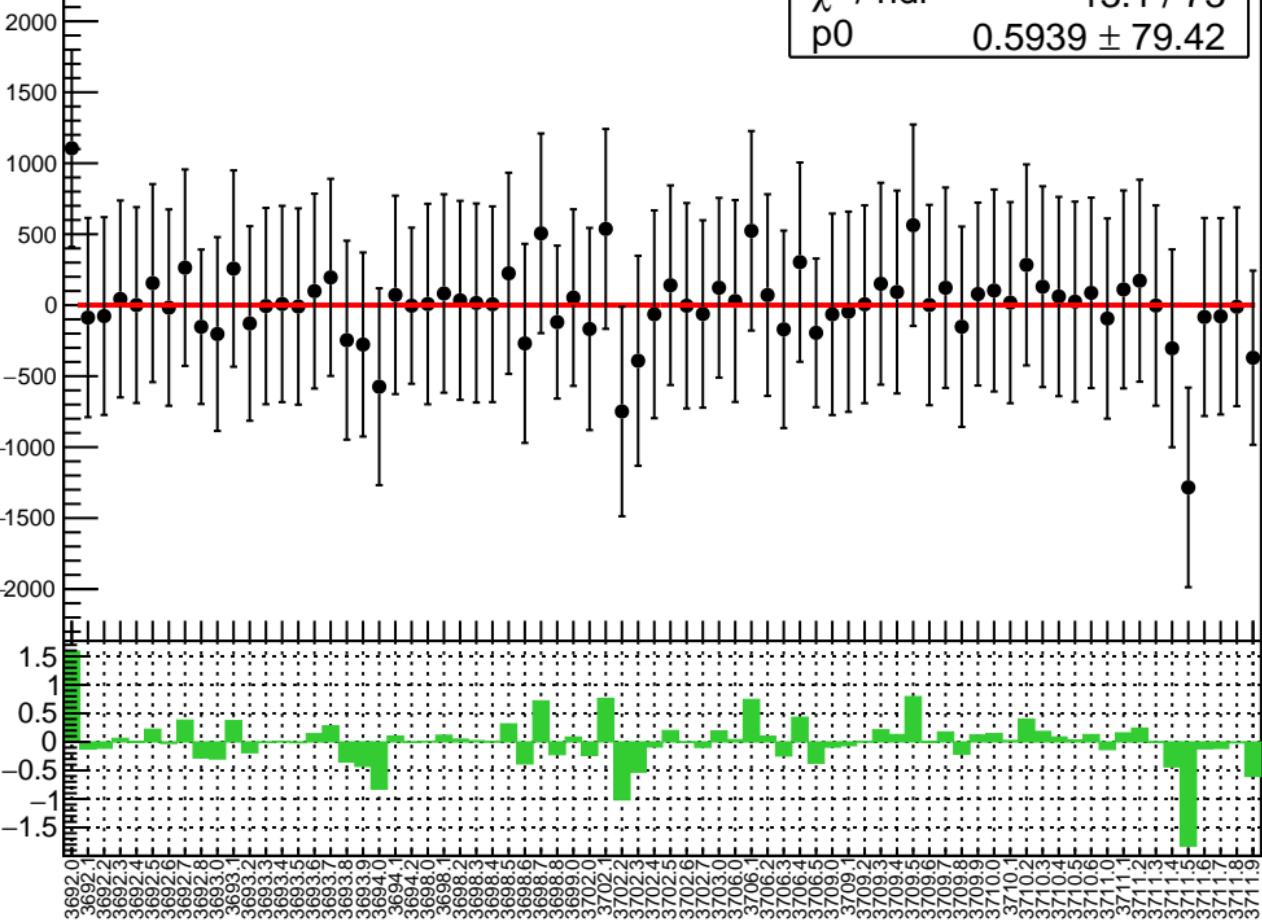
diff_bpm8Y RMS (um)

RMS (um)

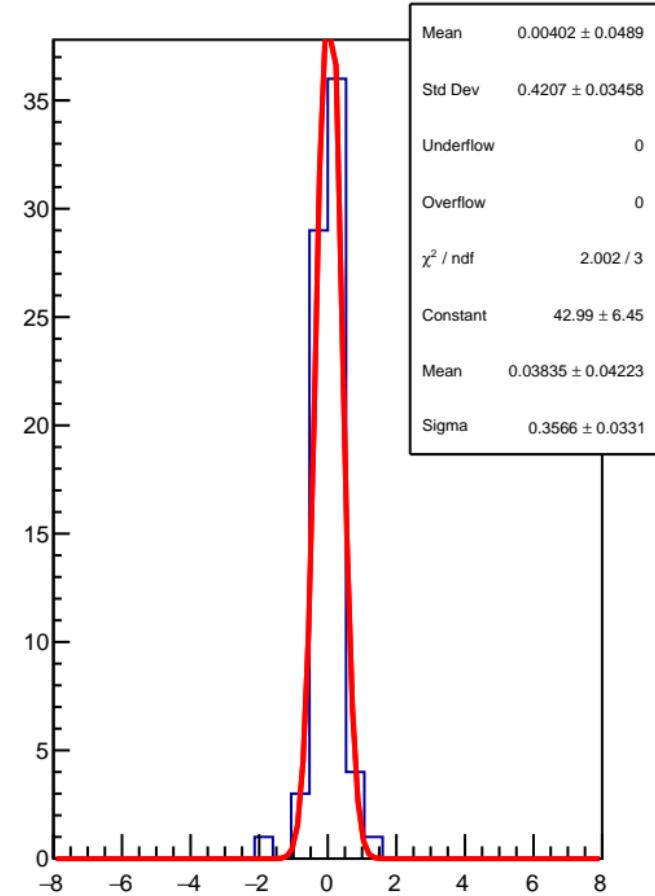


corr_us_avg_bpm4eX (ppb)

χ^2 / ndf 13.1 / 73
p0 0.5939 ± 79.42

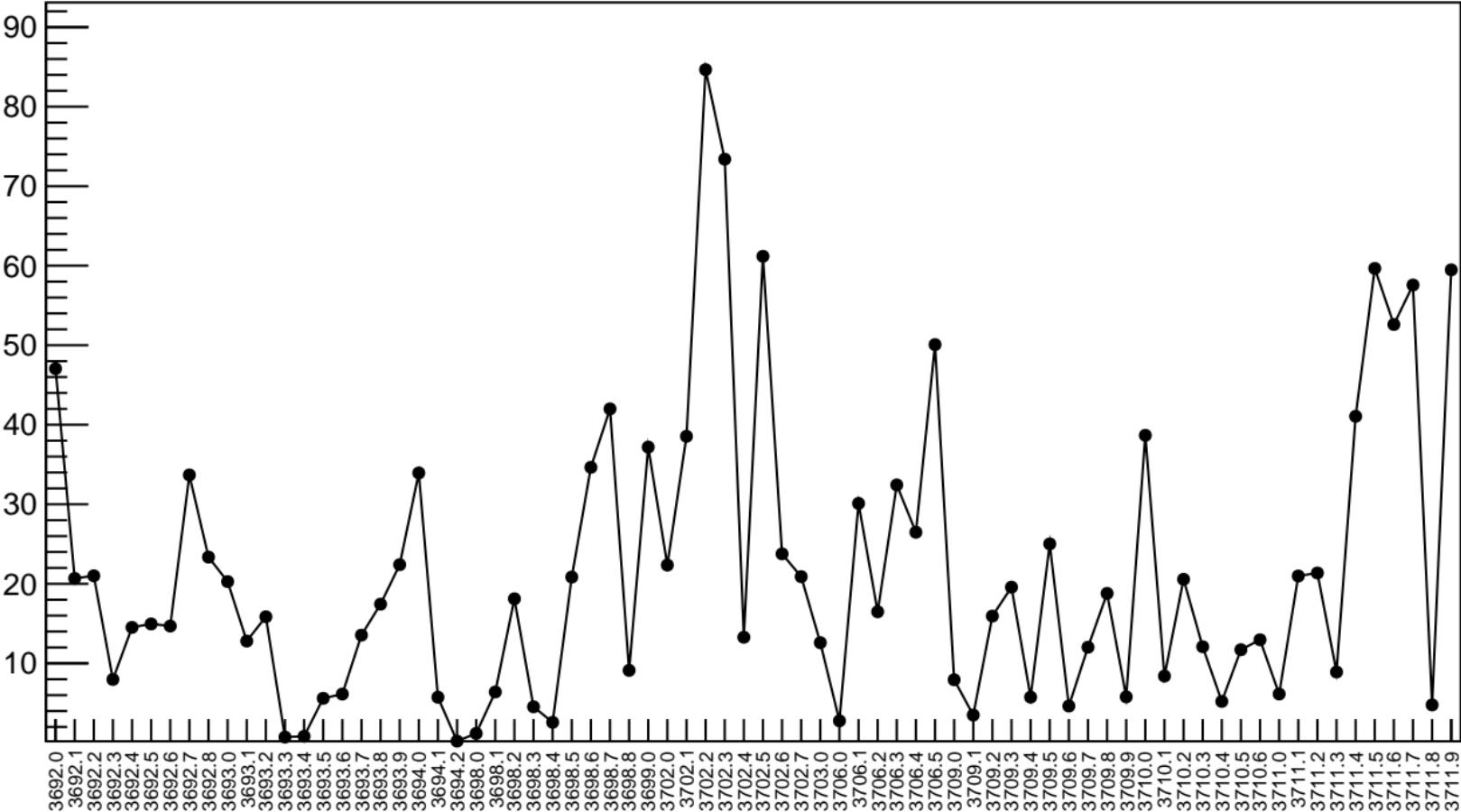


1D pull distribution

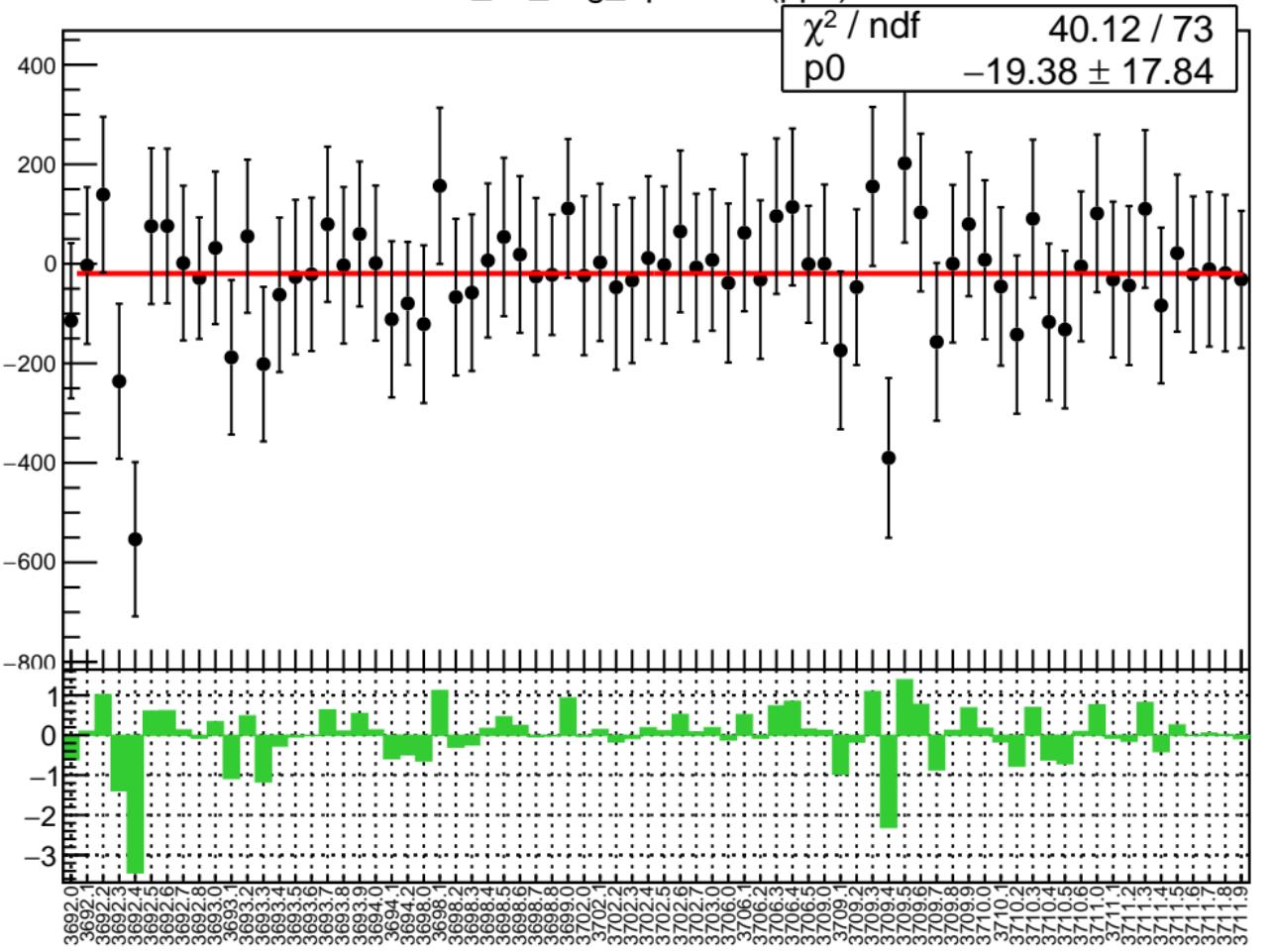


corr_us_avg_bpm4eX RMS (ppm)

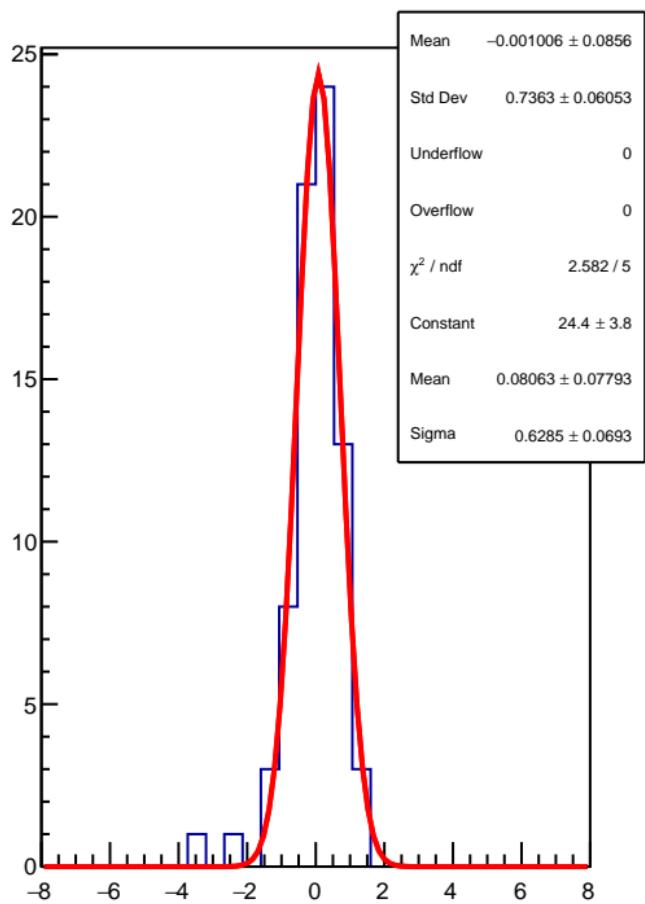
RMS (ppm)



corr_us_avg_bpm4eY (ppb)

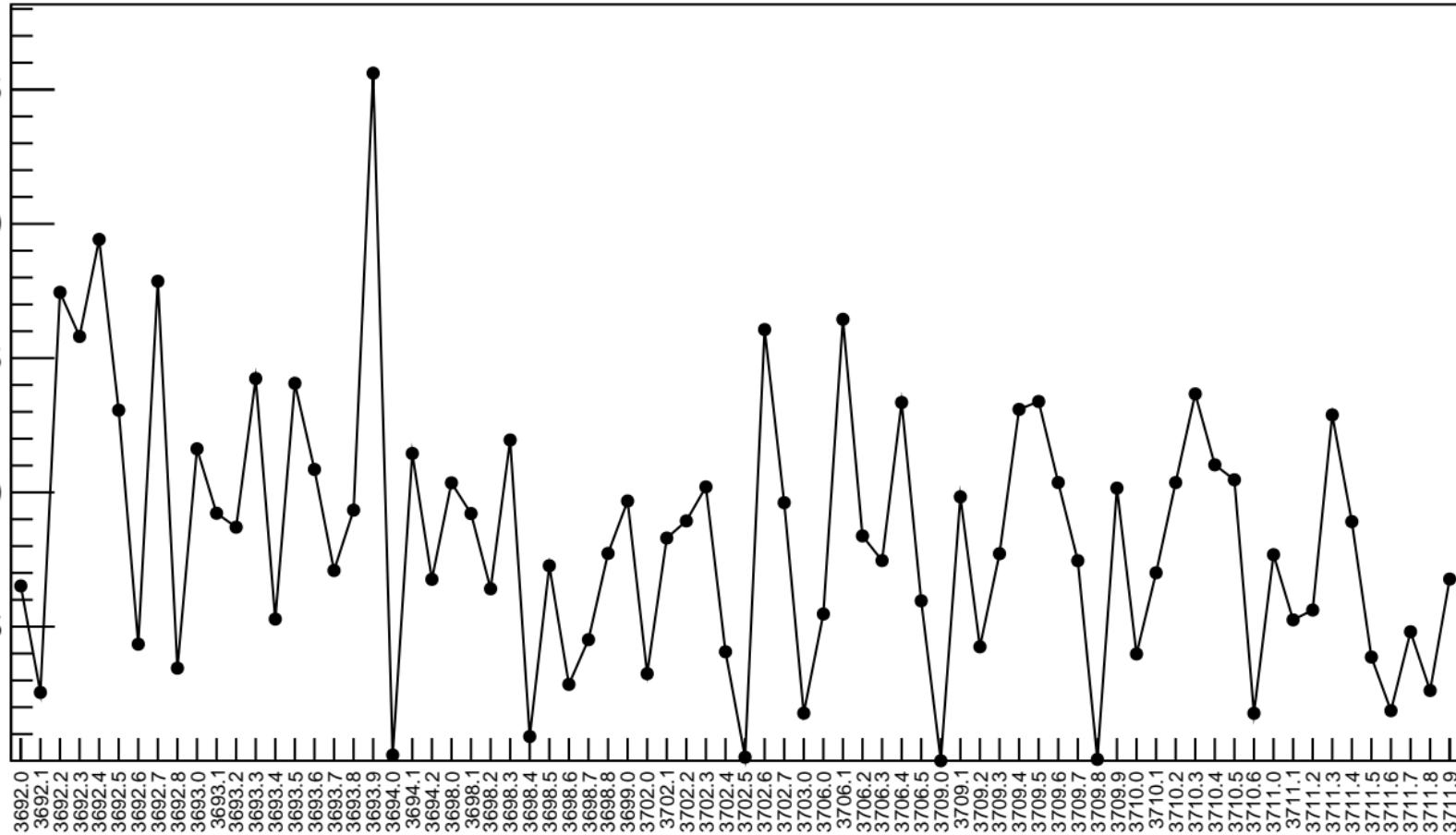


1D pull distribution



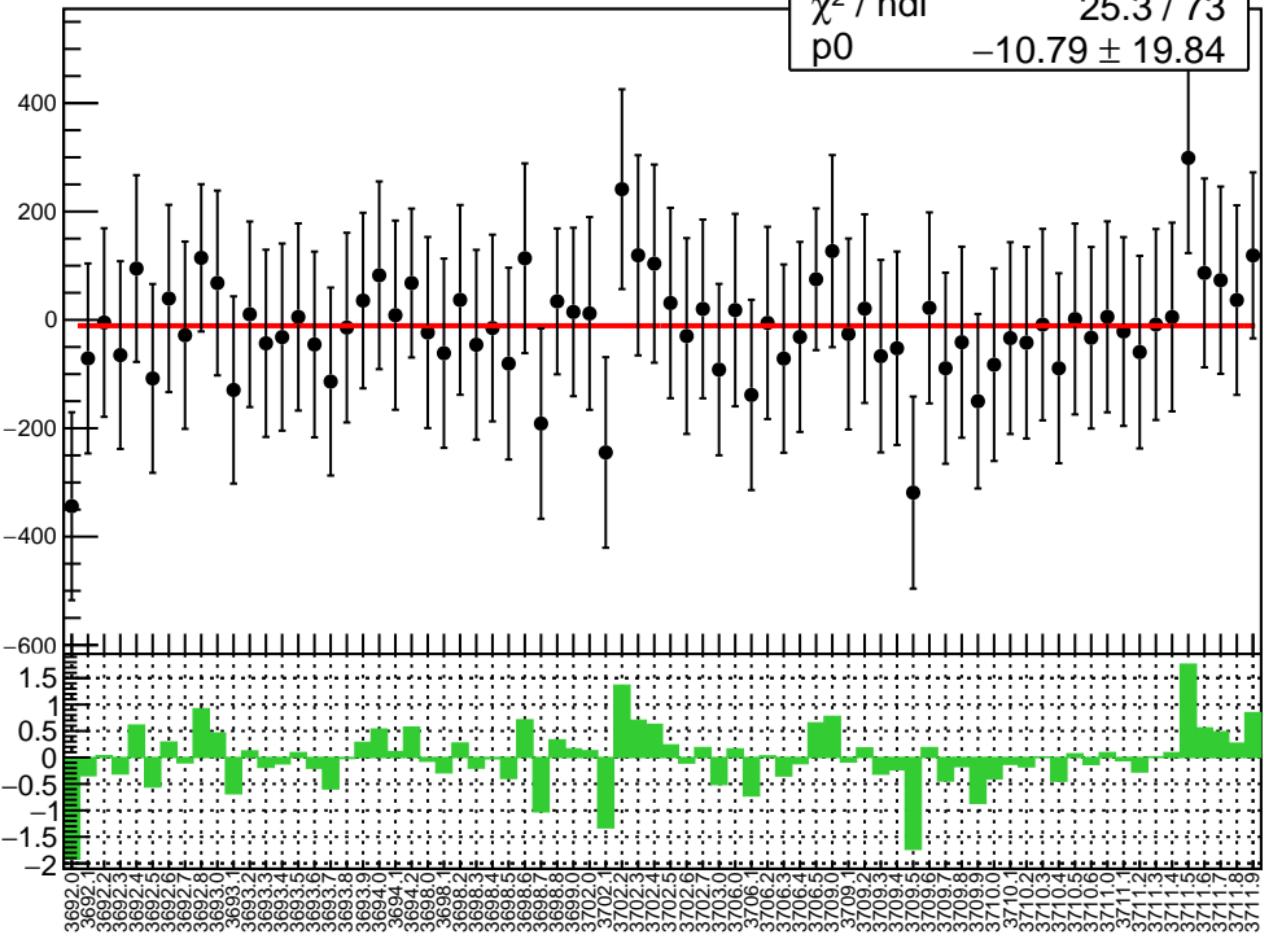
corr_us_avg_bpm4eY RMS (ppm)

RMS (ppm)

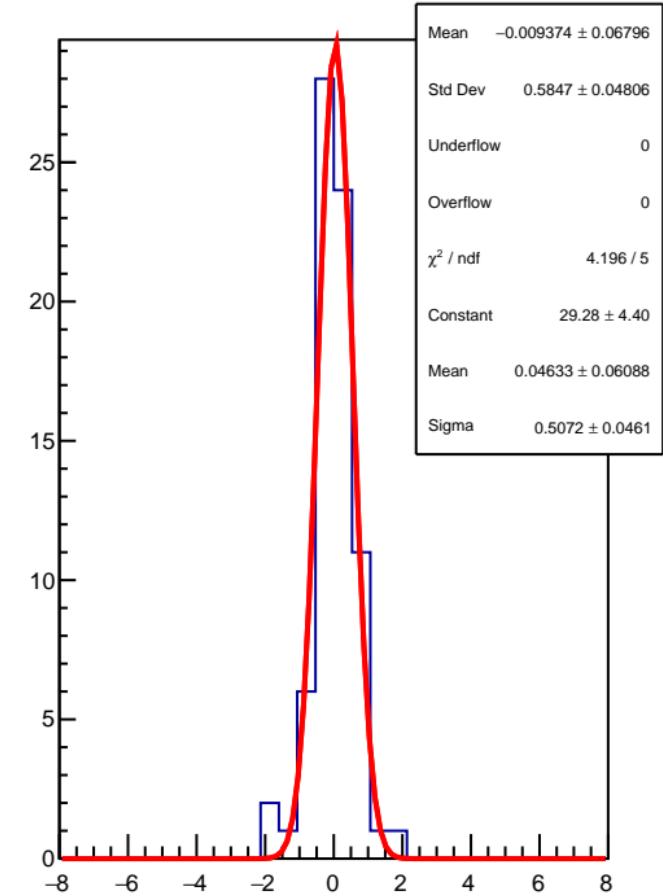


corr_us_avg_bpm4aX (ppb)

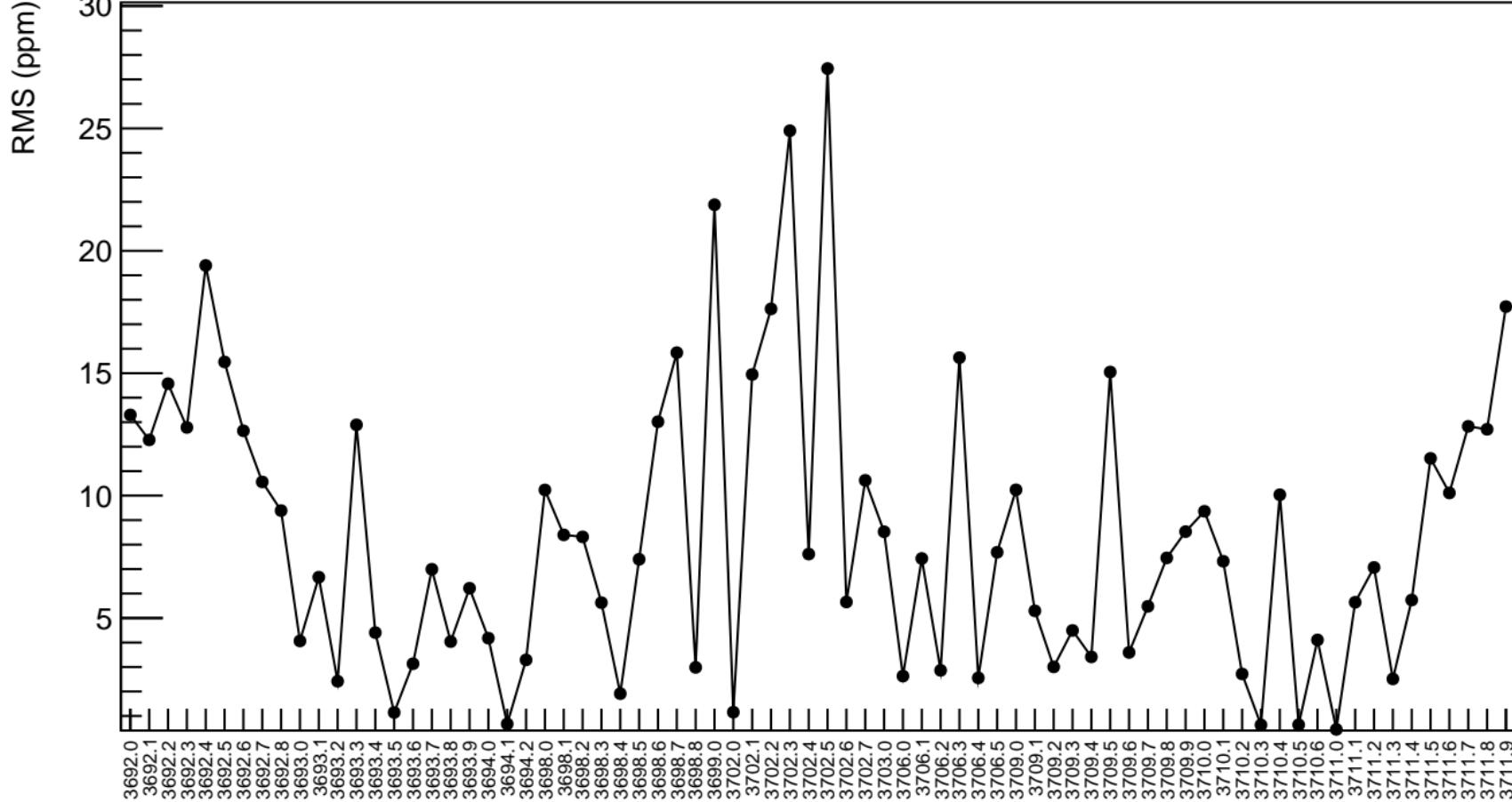
χ^2 / ndf 25.3 / 73
p0 -10.79 ± 19.84



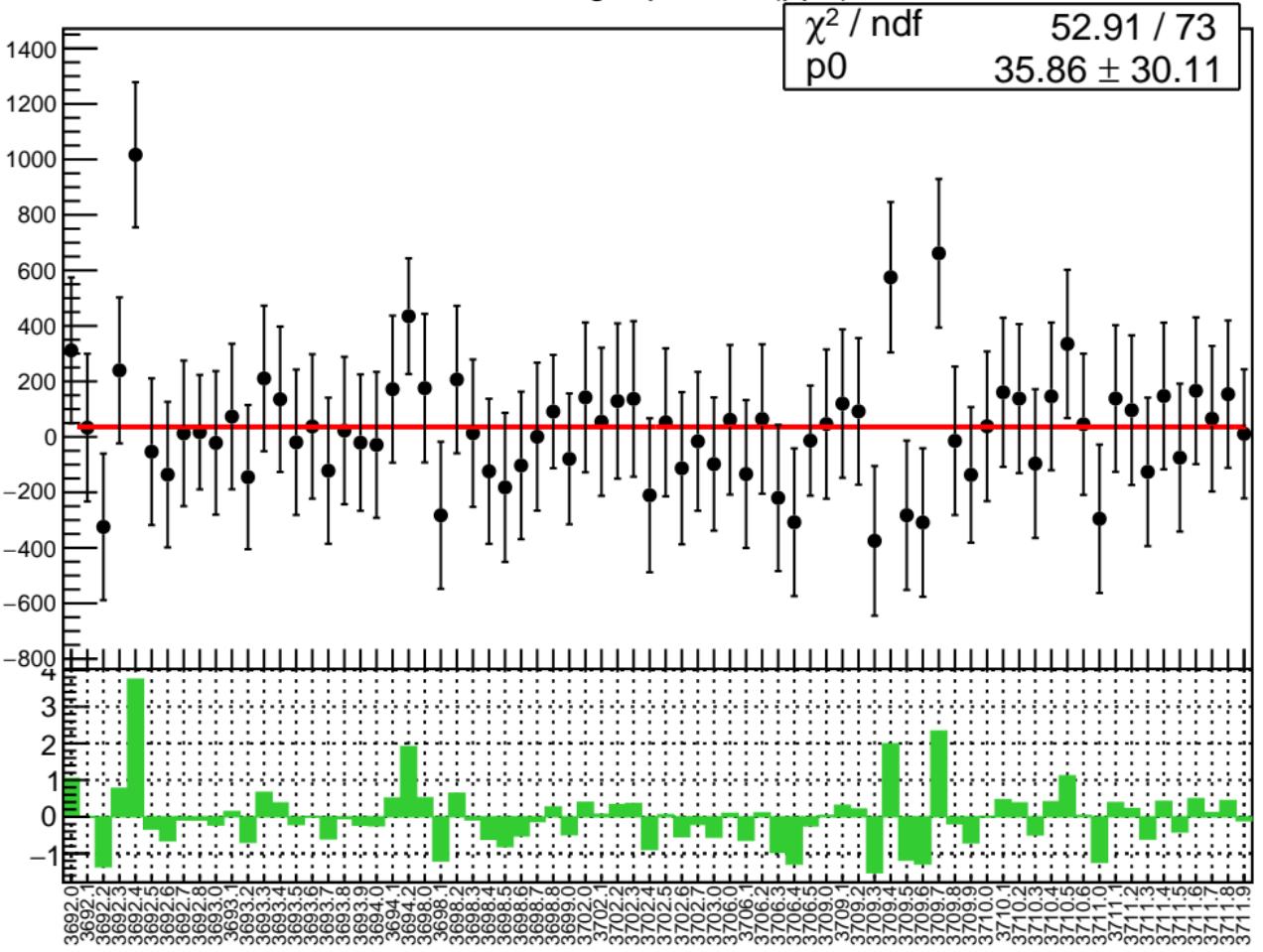
1D pull distribution



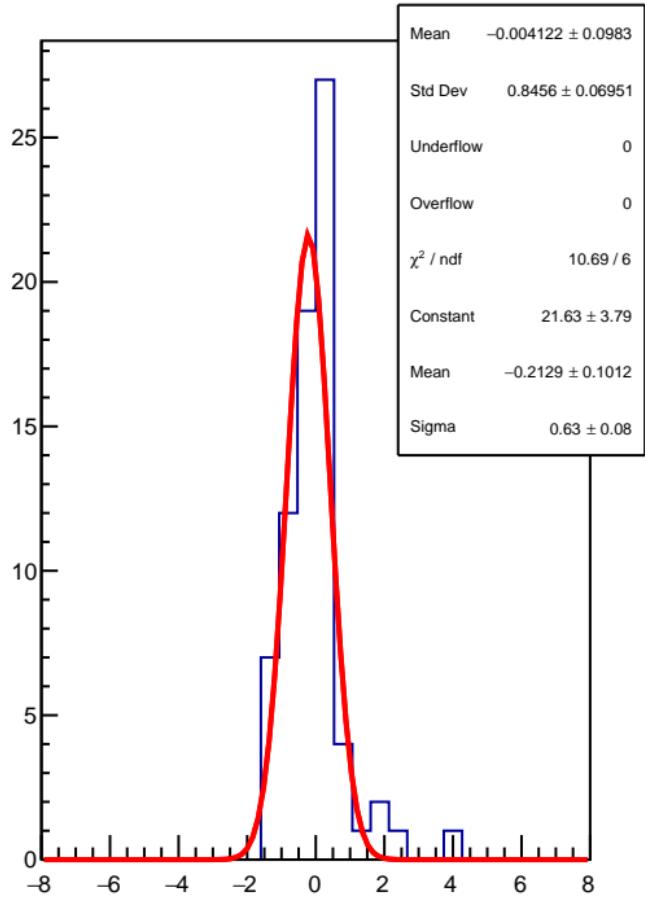
corr_us_avg_bpm4aX RMS (ppm)



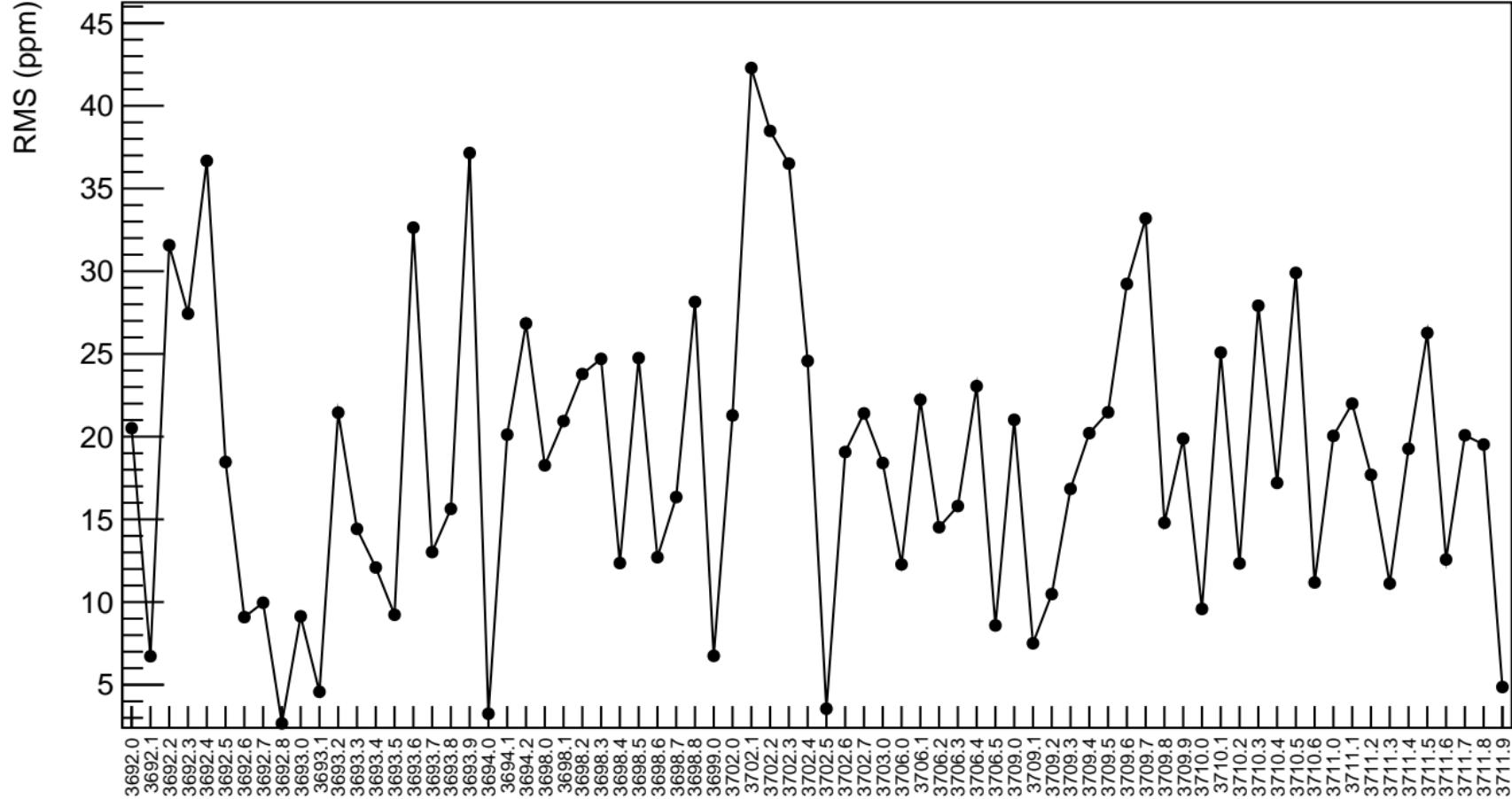
corr_us_avg_bpm4aY (ppb)



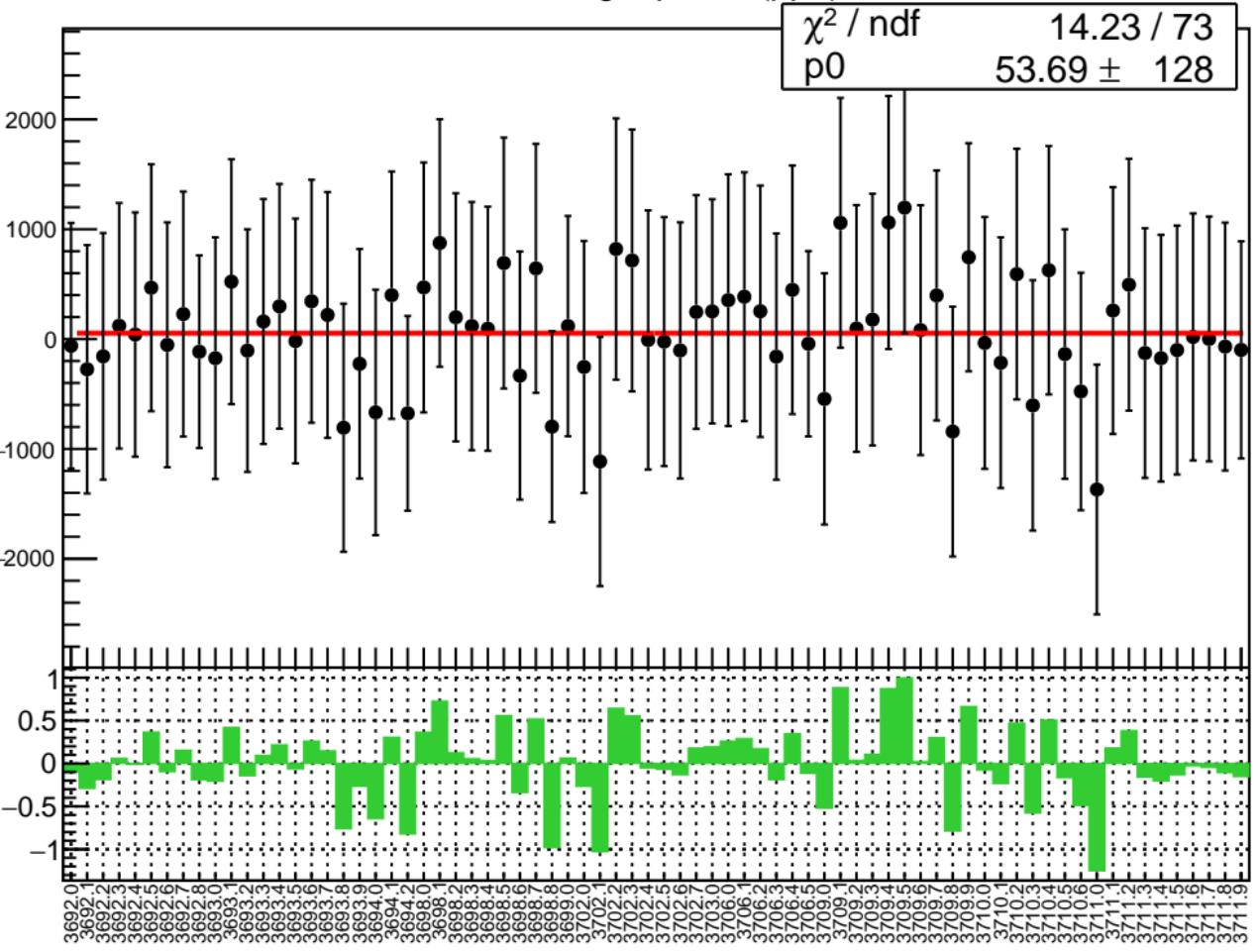
1D pull distribution



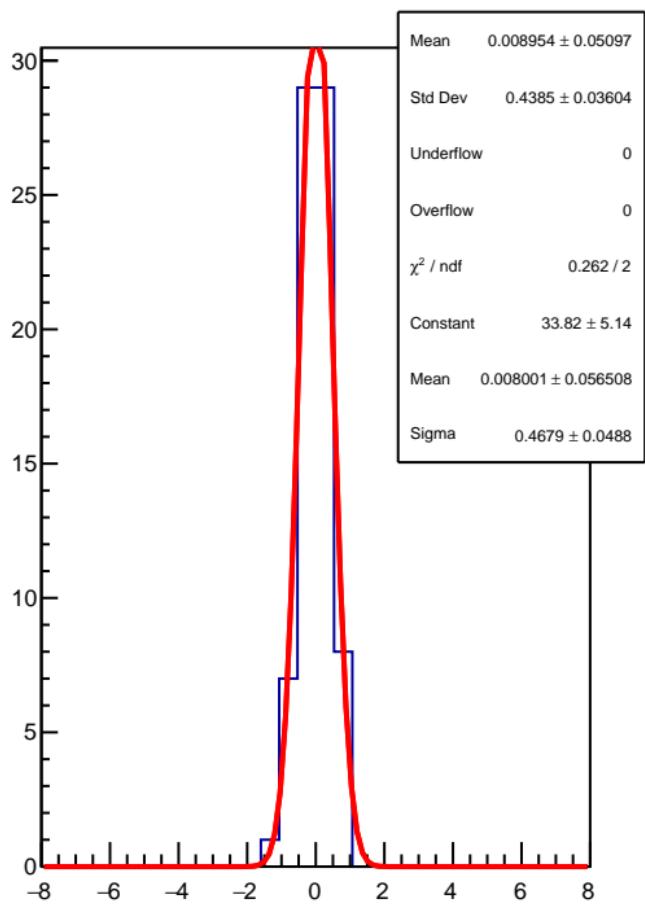
corr_us_avg_bpm4aY RMS (ppm)



corr_us_avg_bpm1X (ppb)

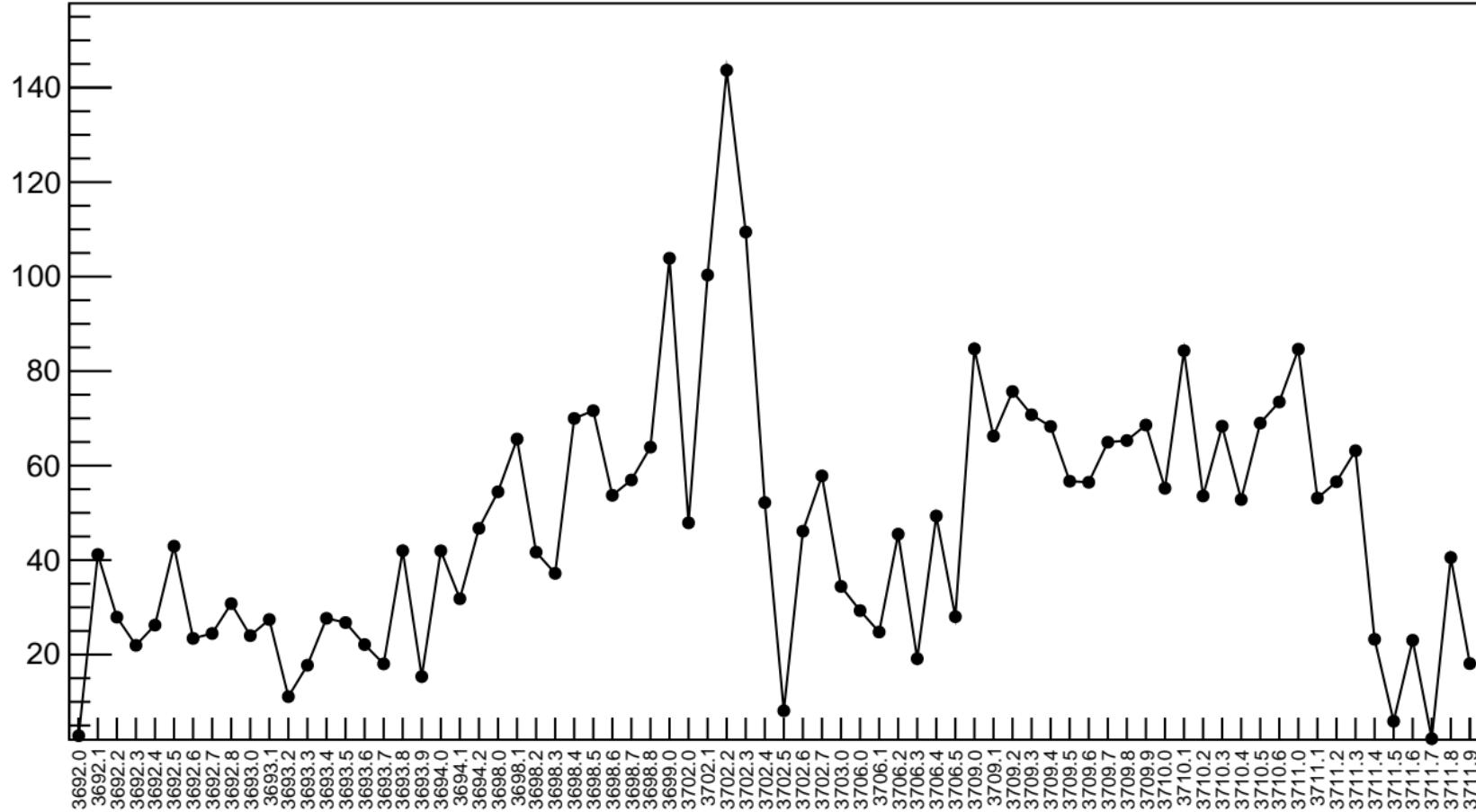


1D pull distribution

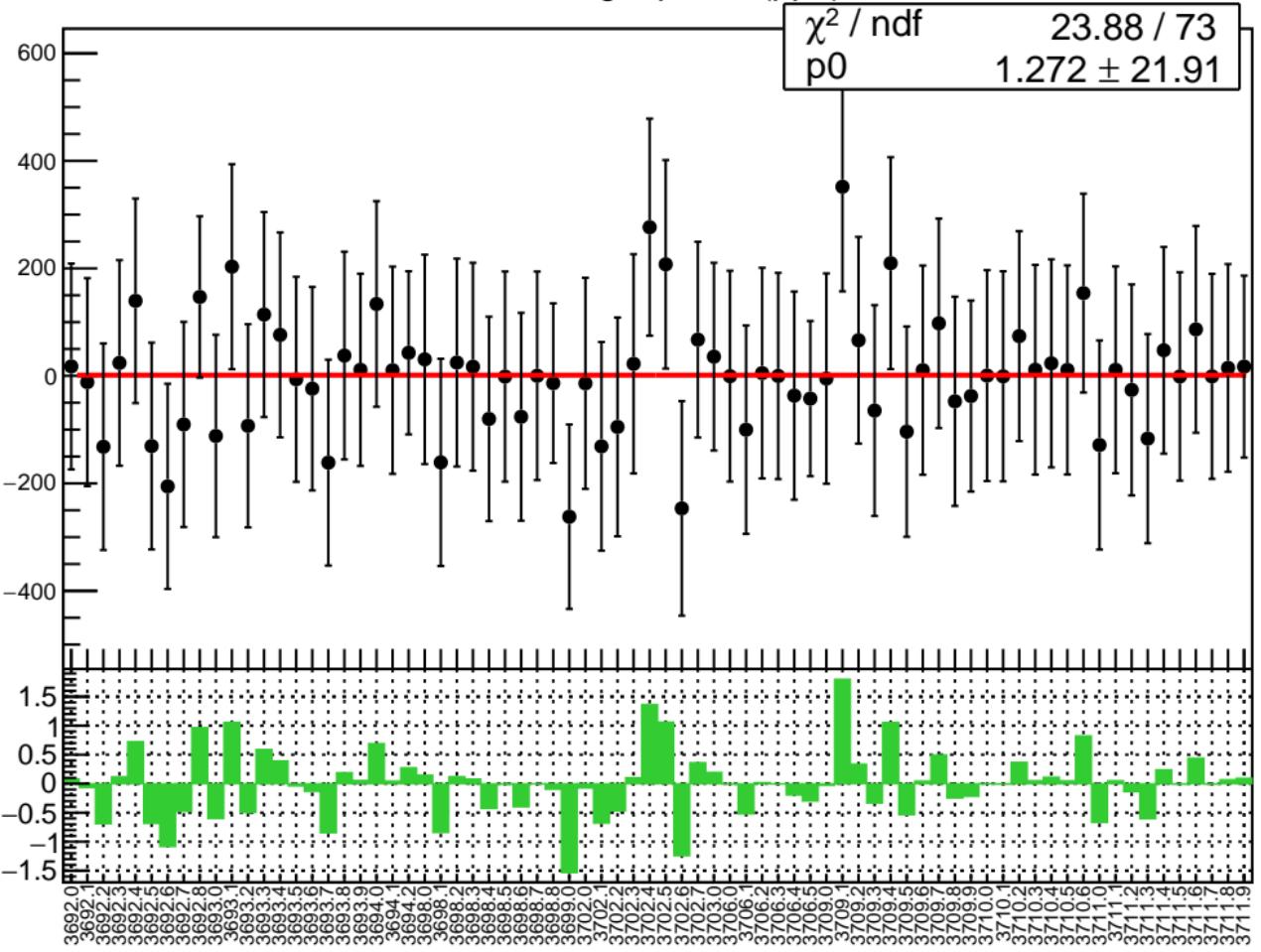


corr_us_avg_bpm1X RMS (ppm)

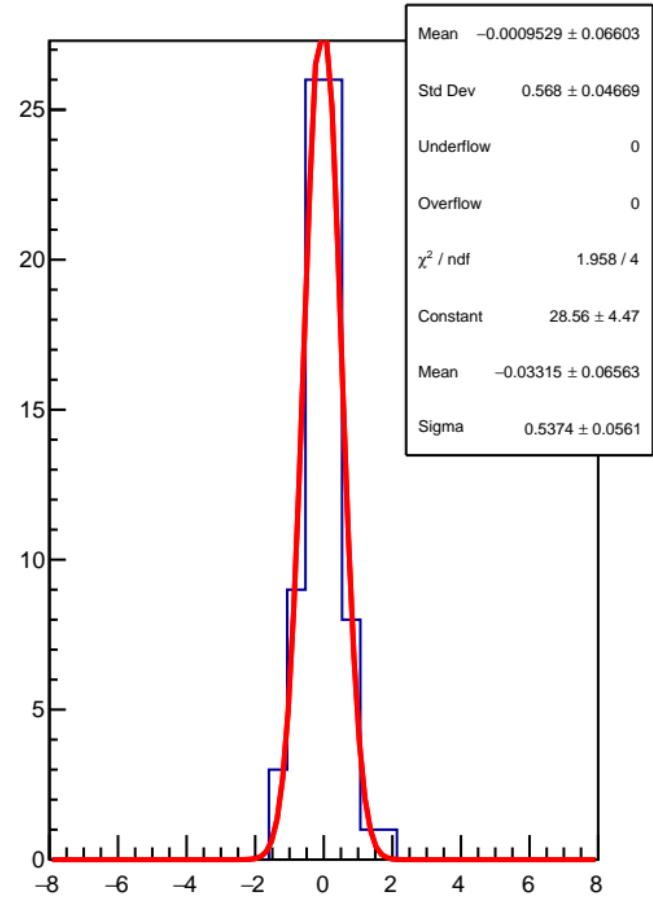
RMS (ppm)



corr_us_avg_bpm1Y (ppb)

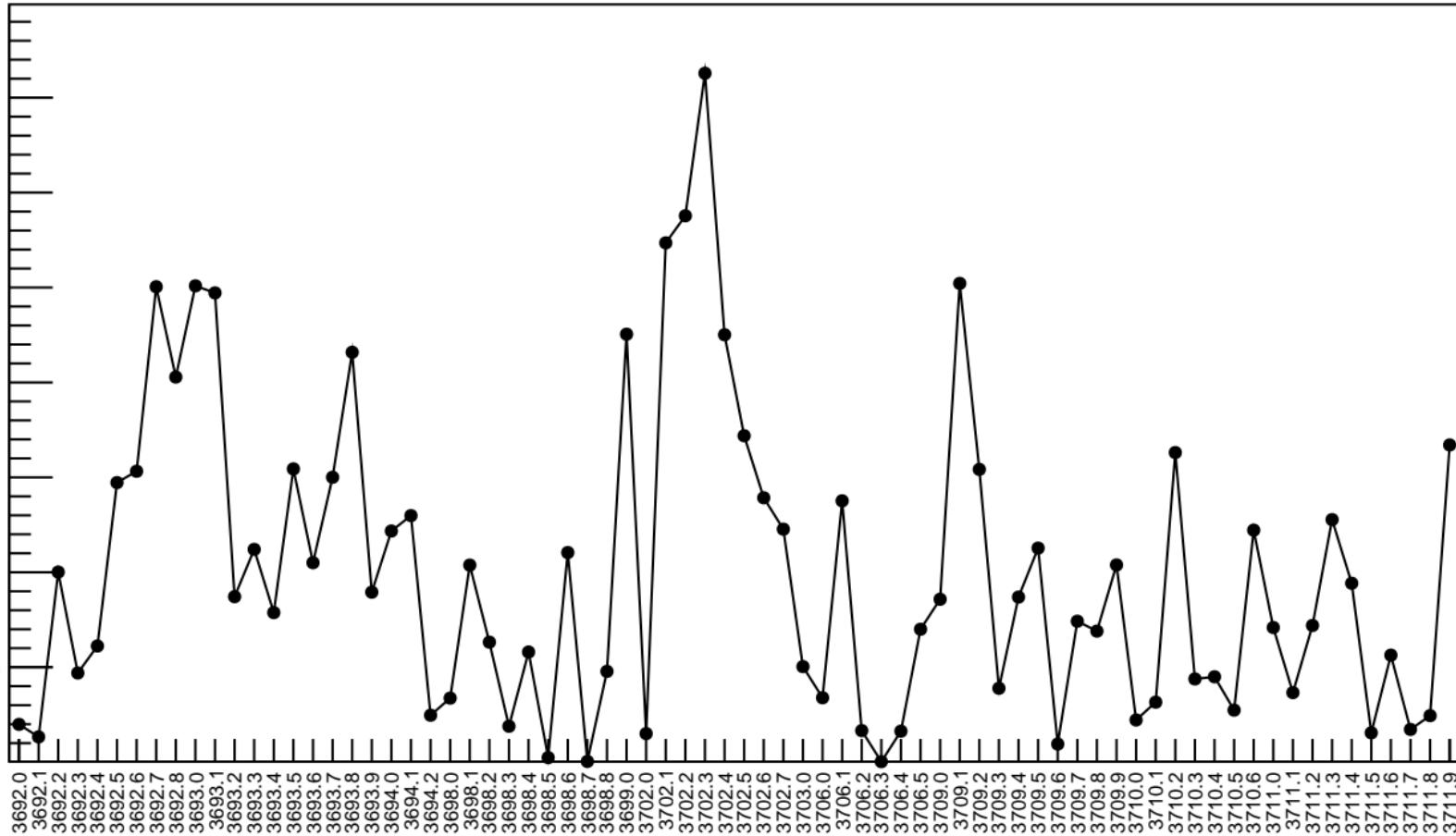


1D pull distribution



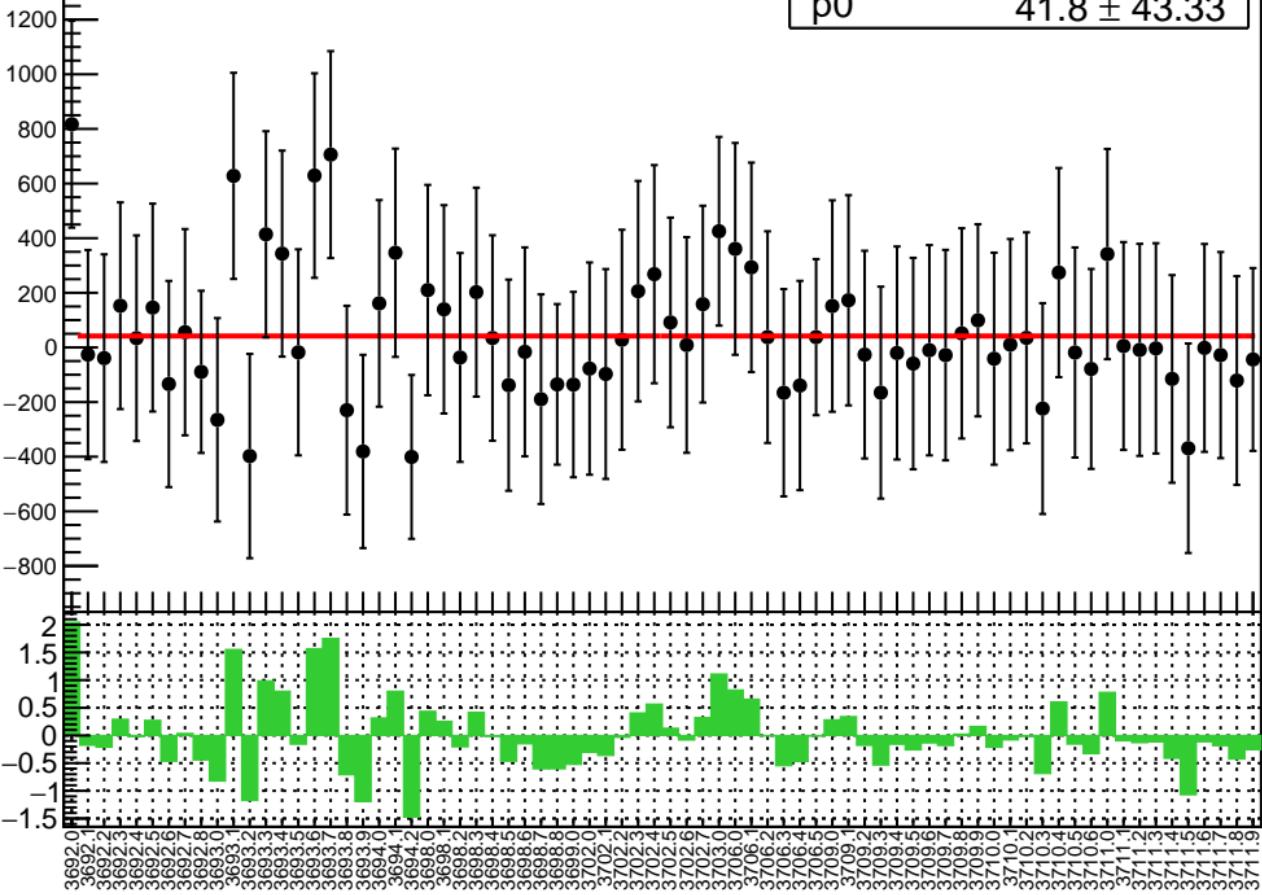
corr_us_avg_bpm1Y RMS (ppm)

RMS (ppm)



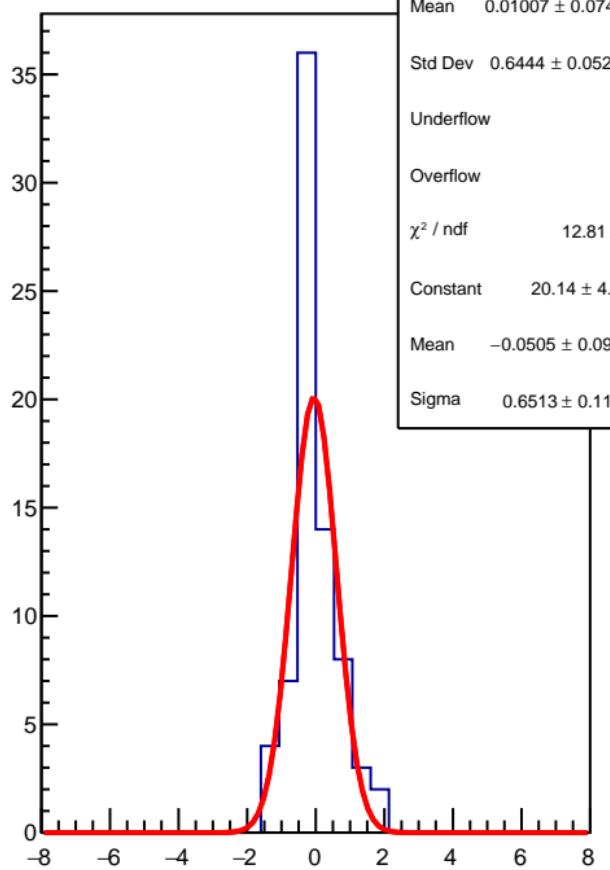
corr_us_avg_bpm16X (ppb)

χ^2 / ndf 30.74 / 73
p0 41.8 ± 43.33



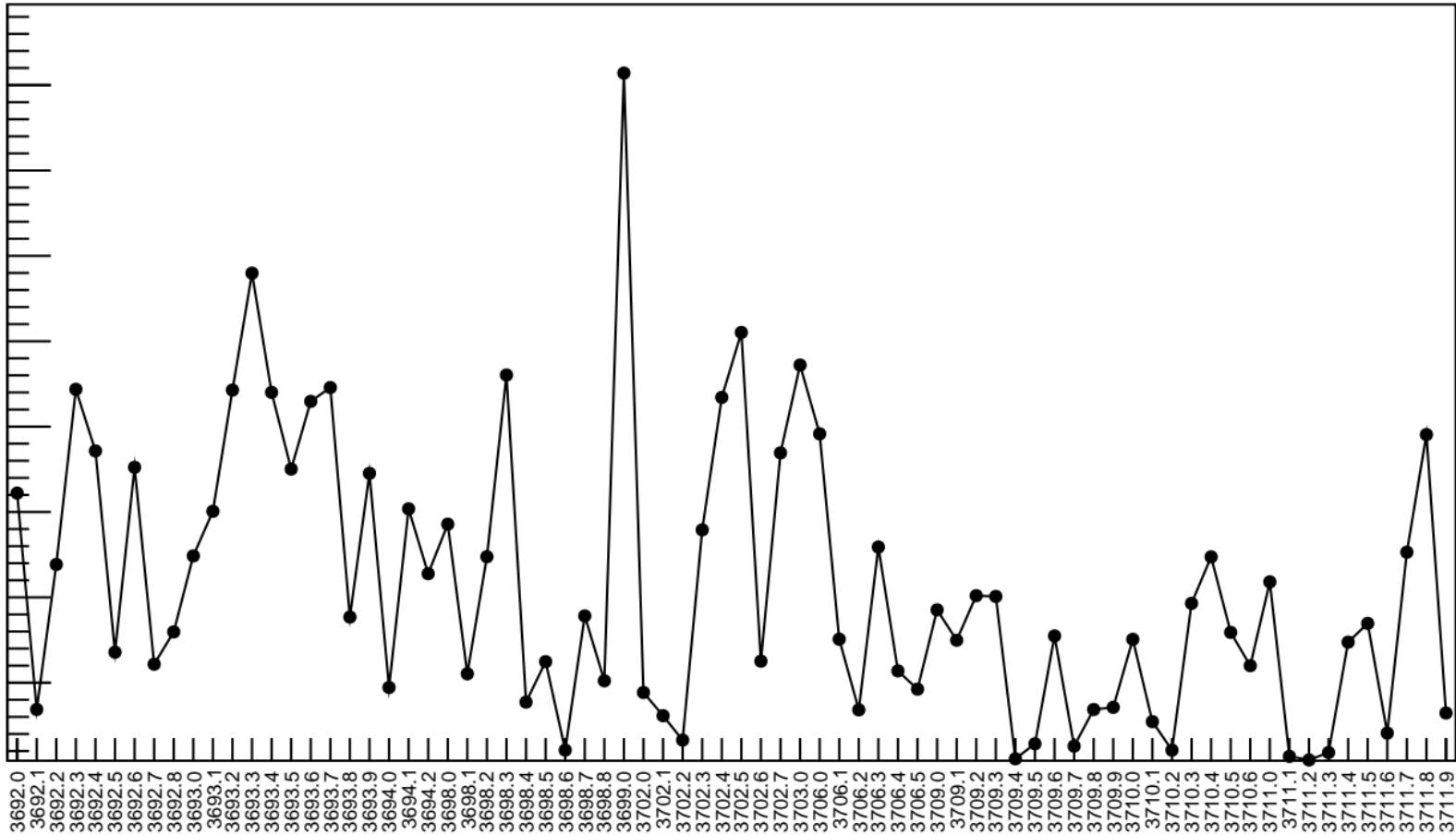
1D pull distribution

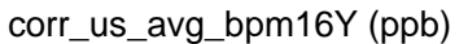
Mean 0.01007 ± 0.07491
Std Dev 0.6444 ± 0.05297
Underflow 0
Overflow 0
 χ^2 / ndf 12.81 / 4
Constant 20.14 ± 4.32
Mean -0.0505 ± 0.0903
Sigma 0.6513 ± 0.1180



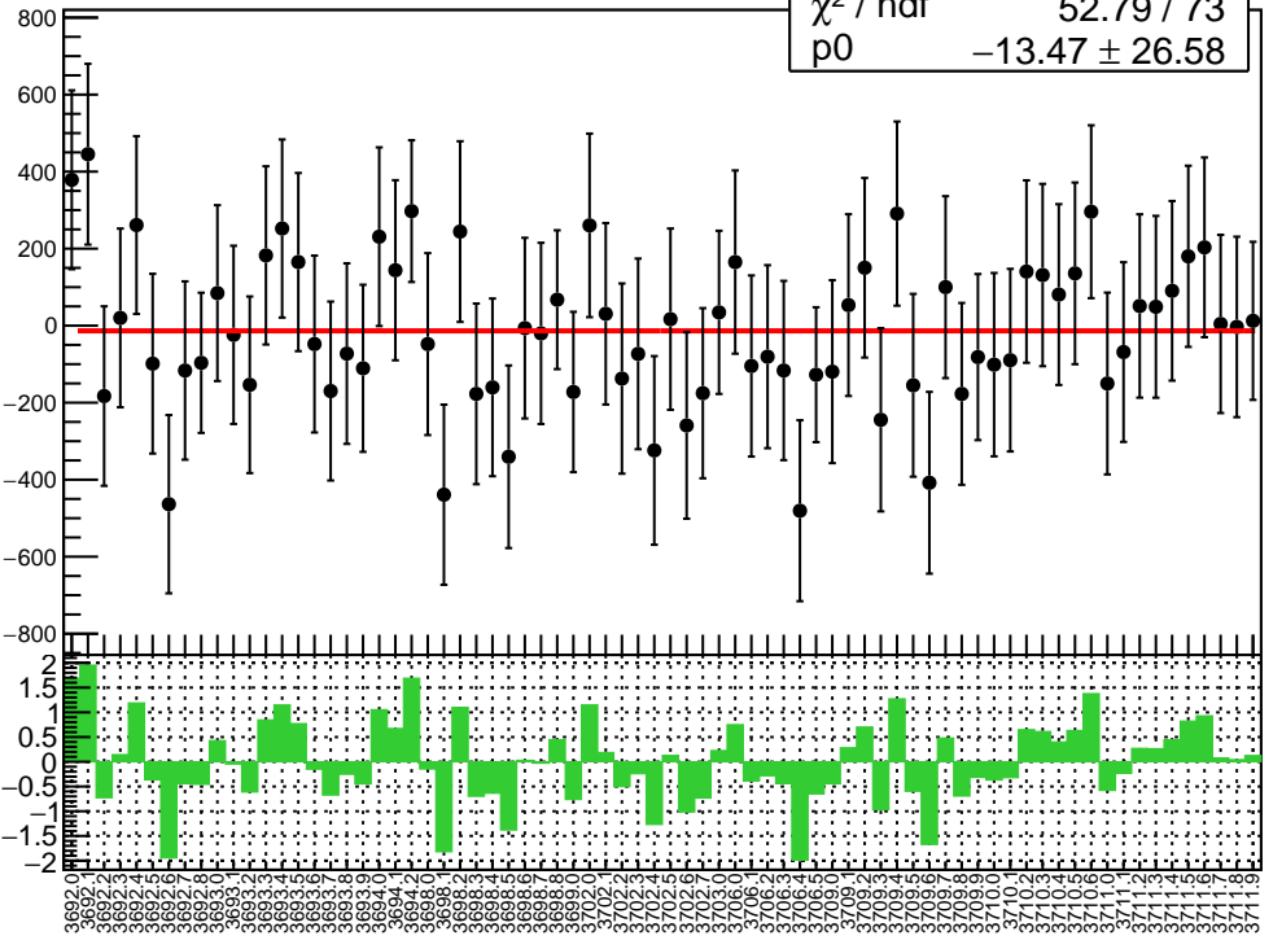
corr_us_avg_bpm16X RMS (ppm)

RMS (ppm)





χ^2 / ndf 52.79 / 73
p0 -13.47 ± 26.58

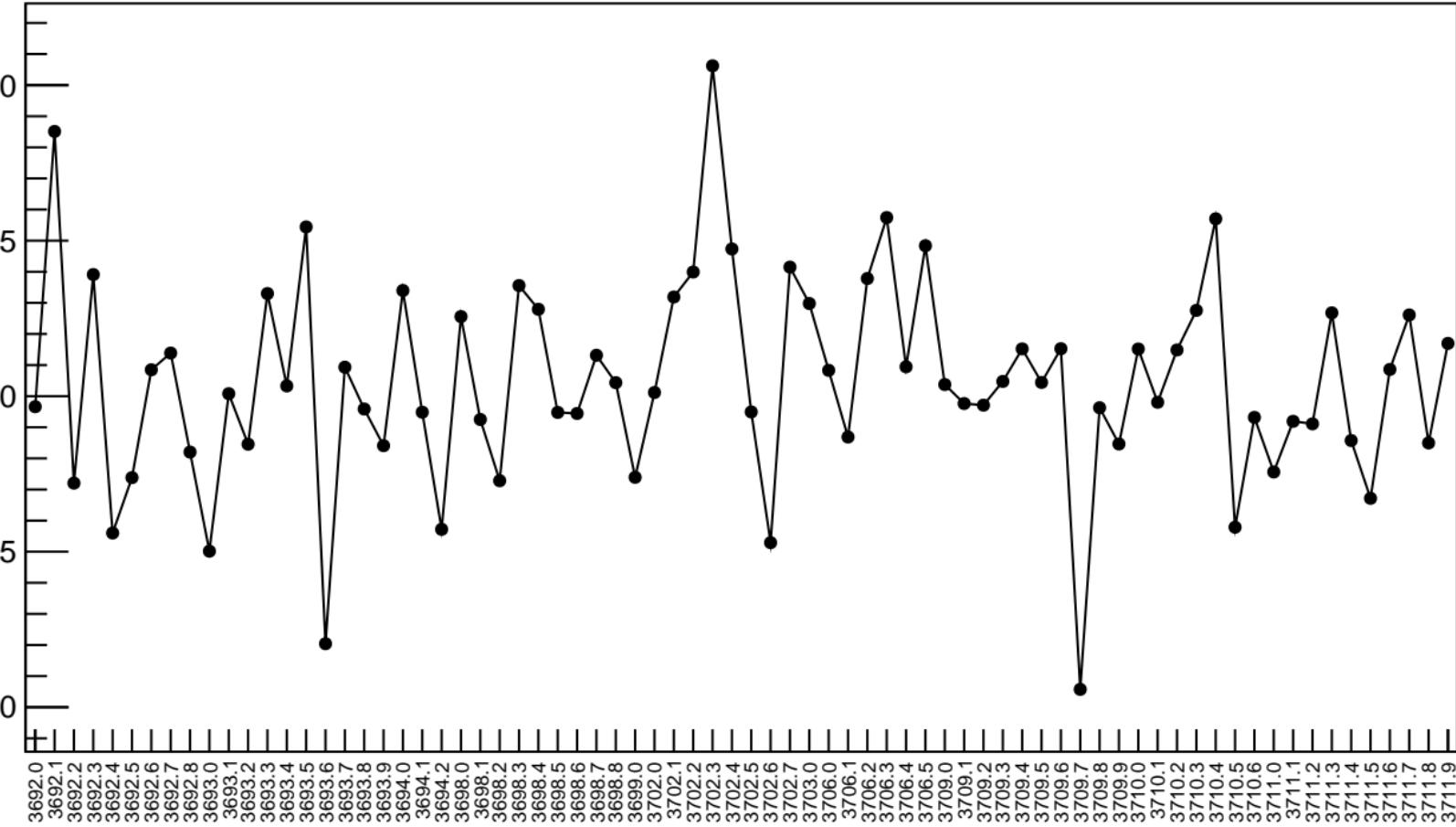


1D pull distribution

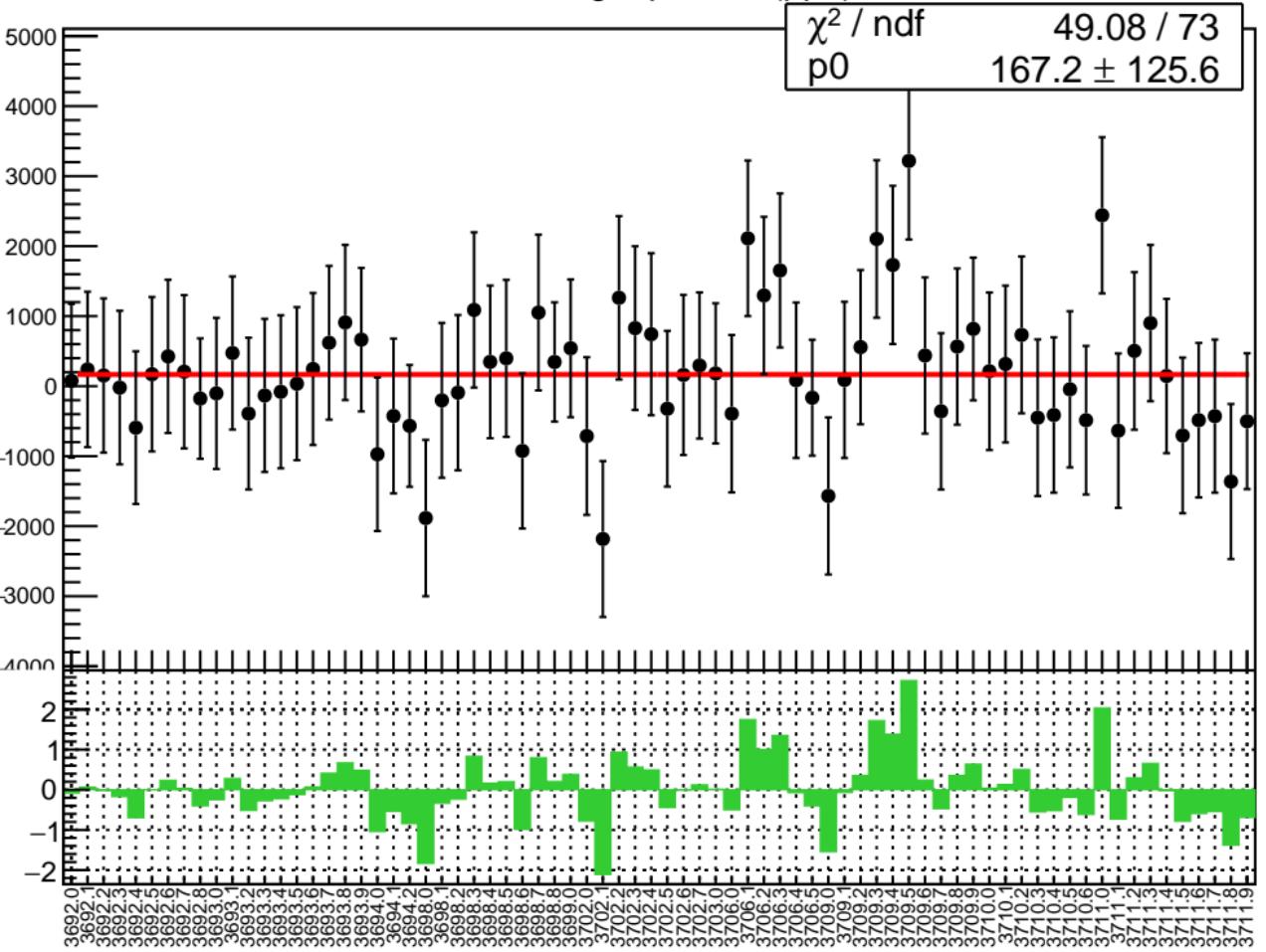
Mean	-0.00394 ± 0.09818
Std Dev	0.8446 ± 0.06942
Underflow	0
Overflow	0
χ^2 / ndf	6.051 / 5
Constant	17.79 ± 2.97
Mean	0.1131 ± 0.1104
Sigma	0.8198 ± 0.1015

corr_us_avg_bpm16Y RMS (ppm)

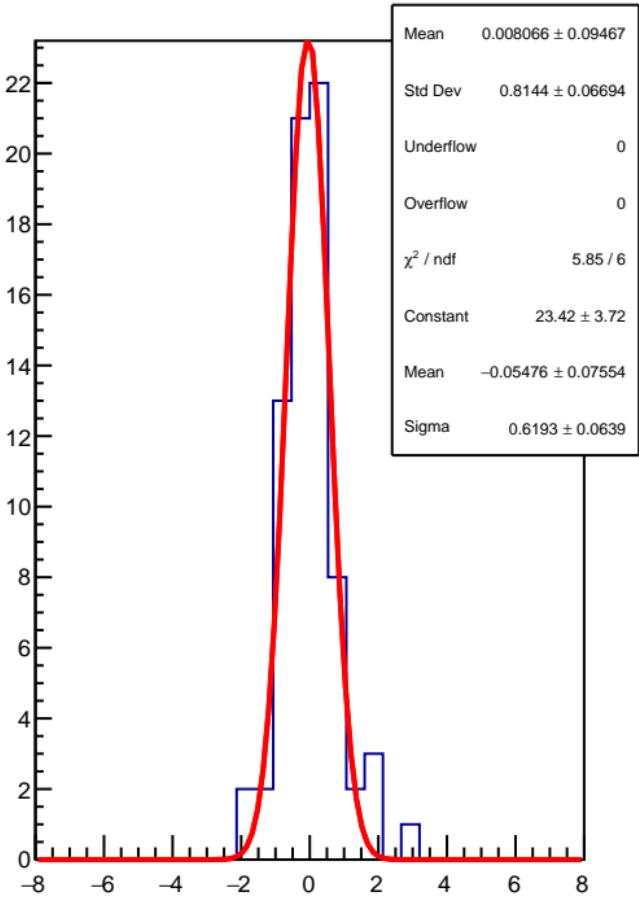
RMS (ppm)



corr_us_avg_bpm12X (ppb)

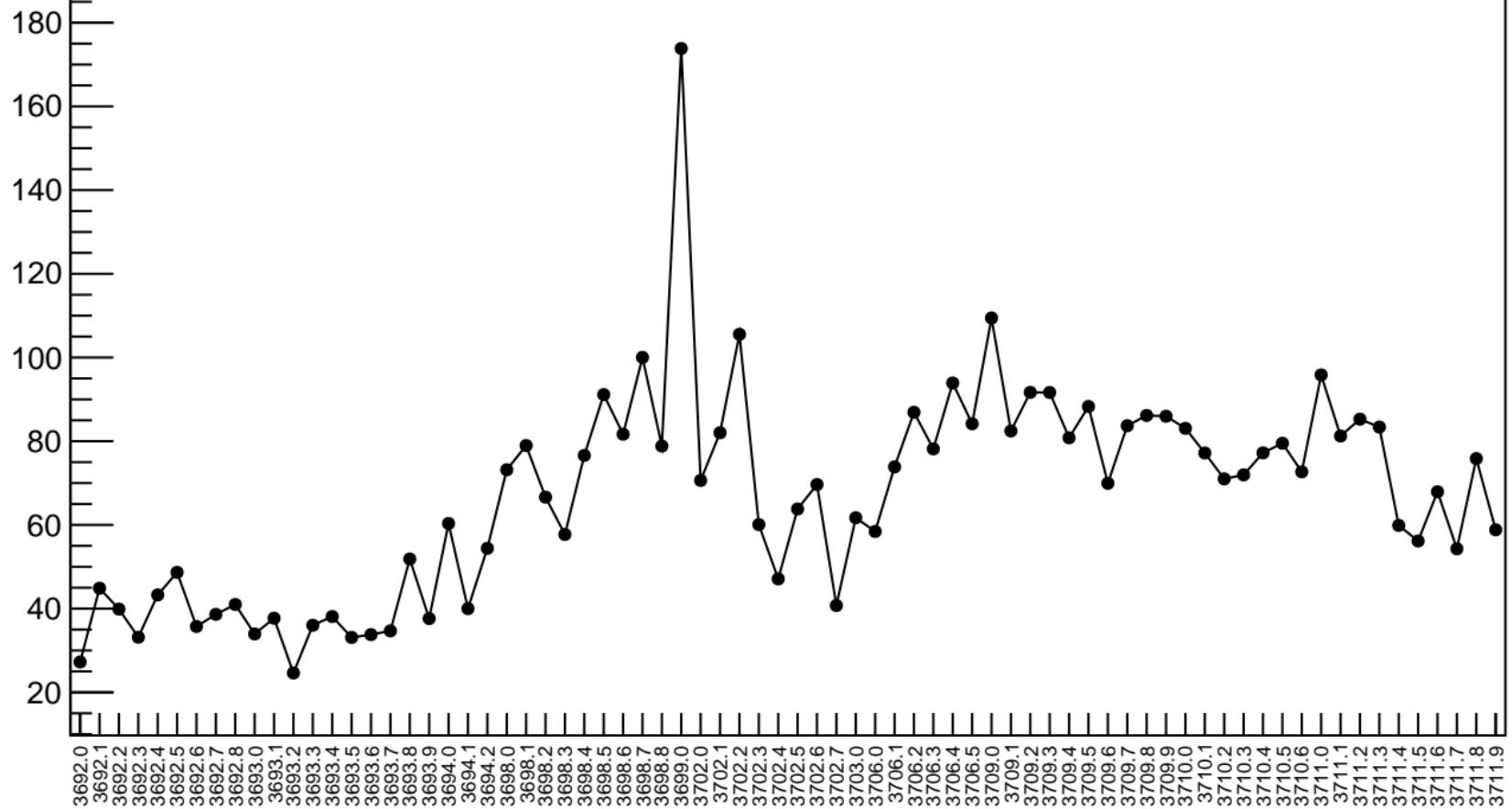


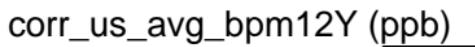
1D pull distribution



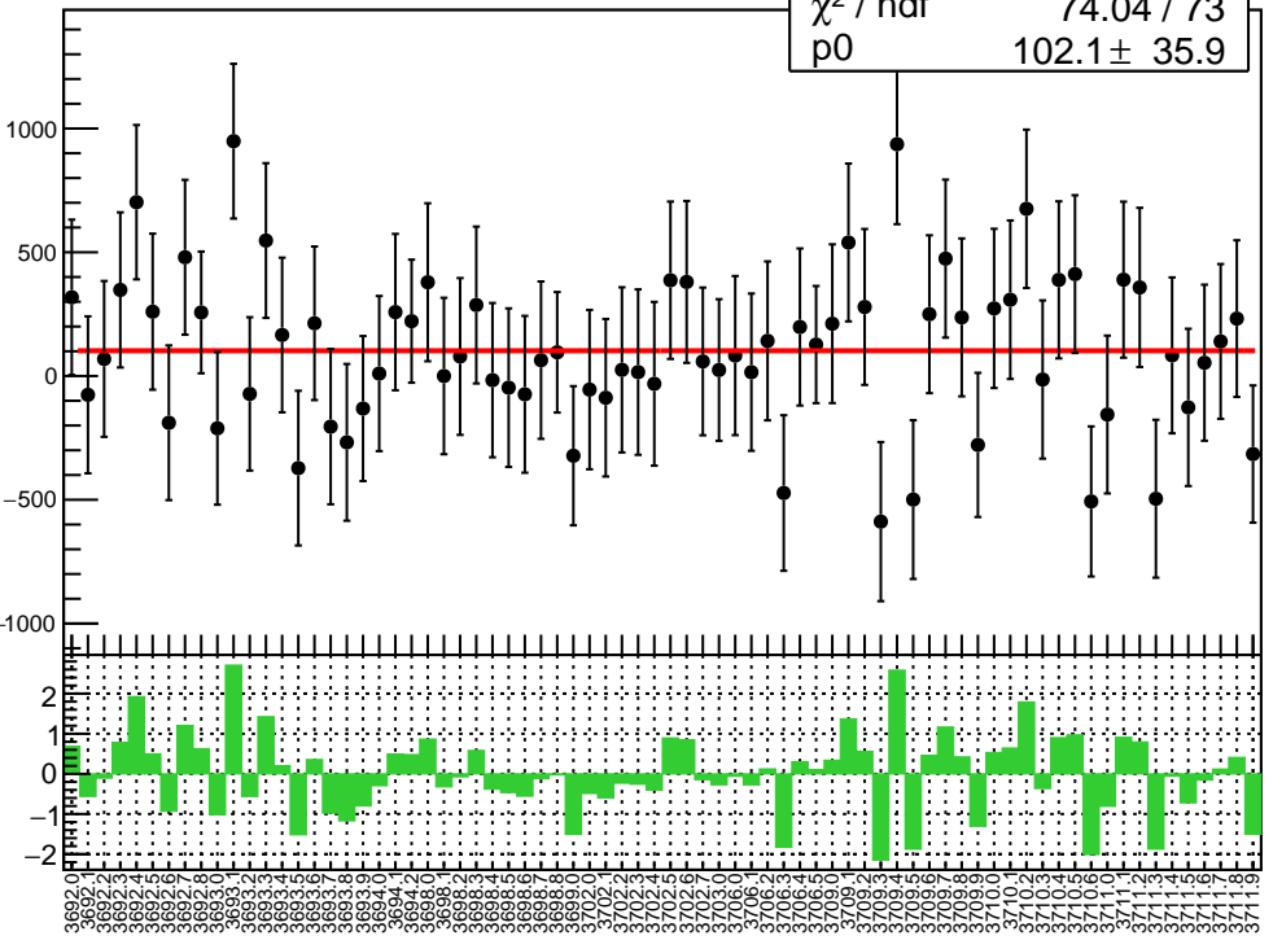
corr_us_avg_bpm12X RMS (ppm)

RMS (ppm)

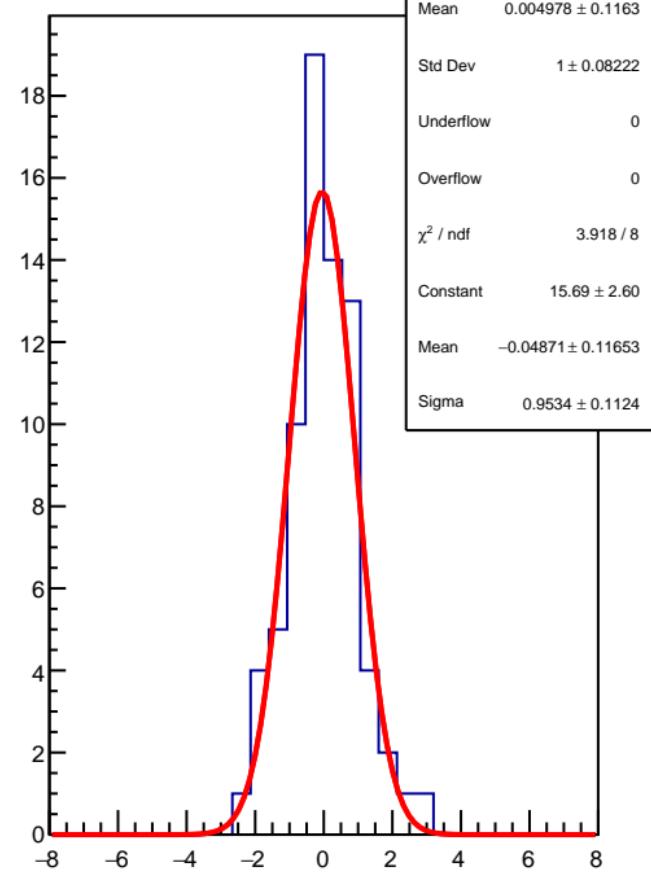




χ^2 / ndf 74.04 / 73
 p0 102.1 ± 35.9

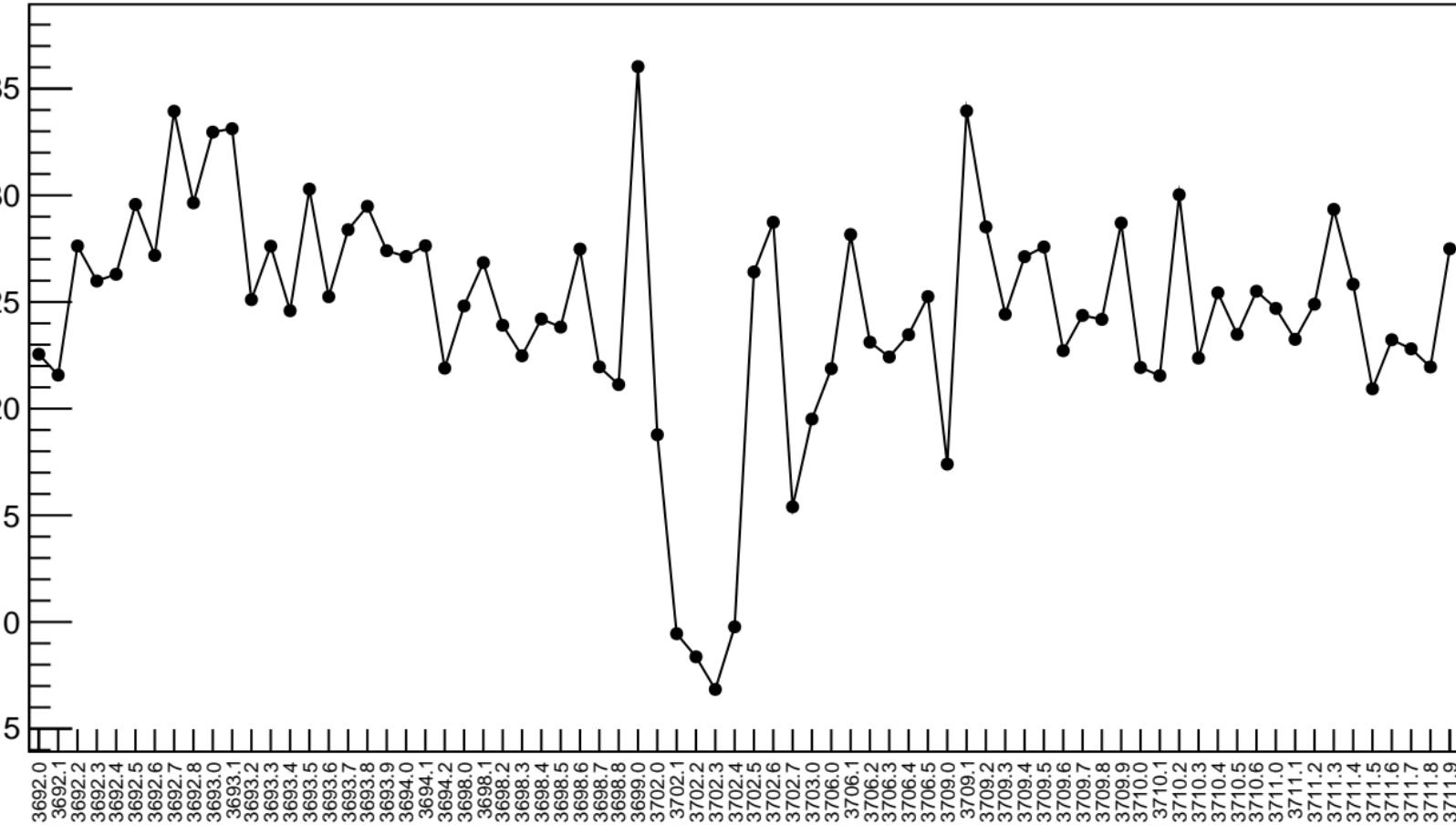


1D pull distribution

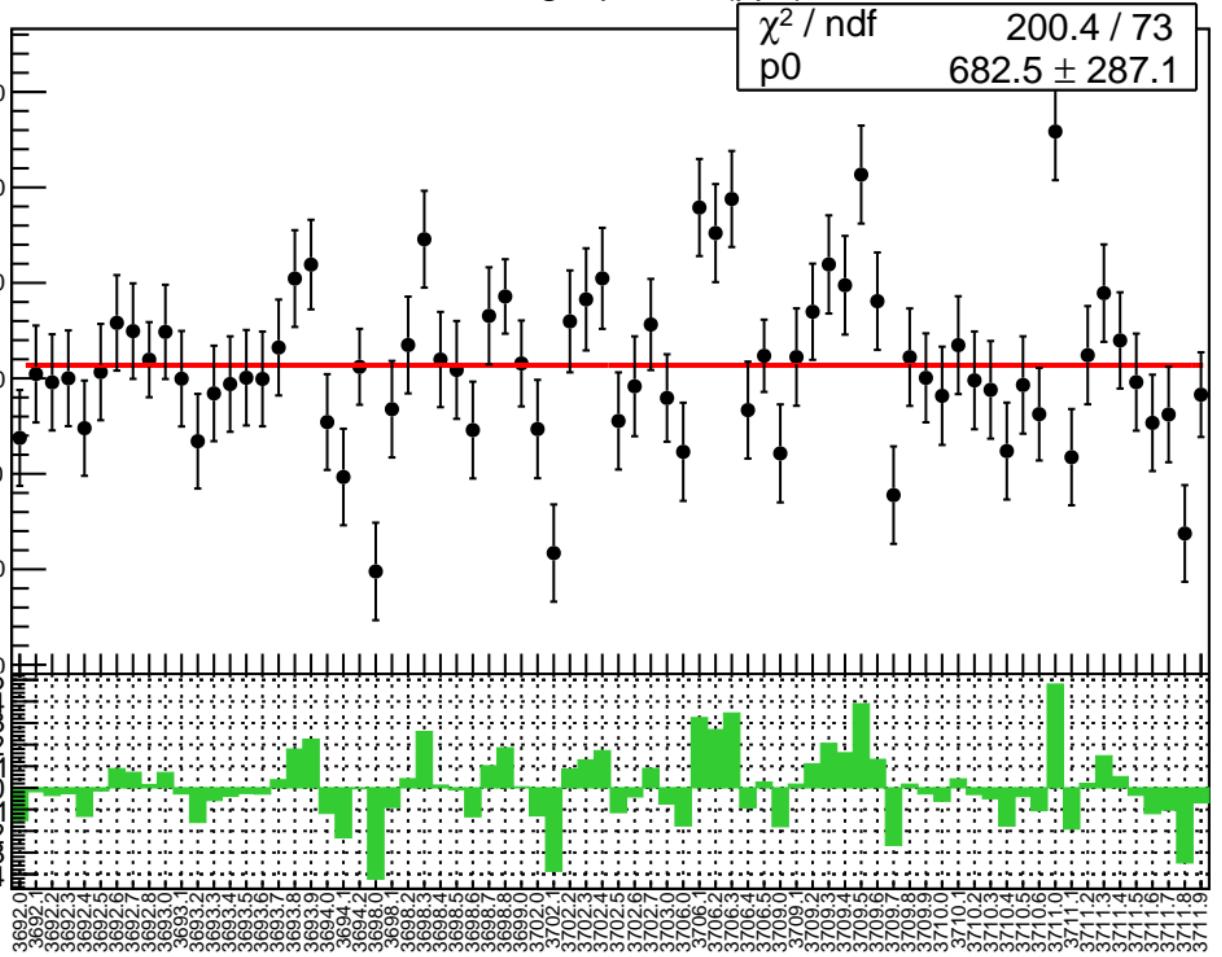


corr_us_avg_bpm12Y RMS (ppm)

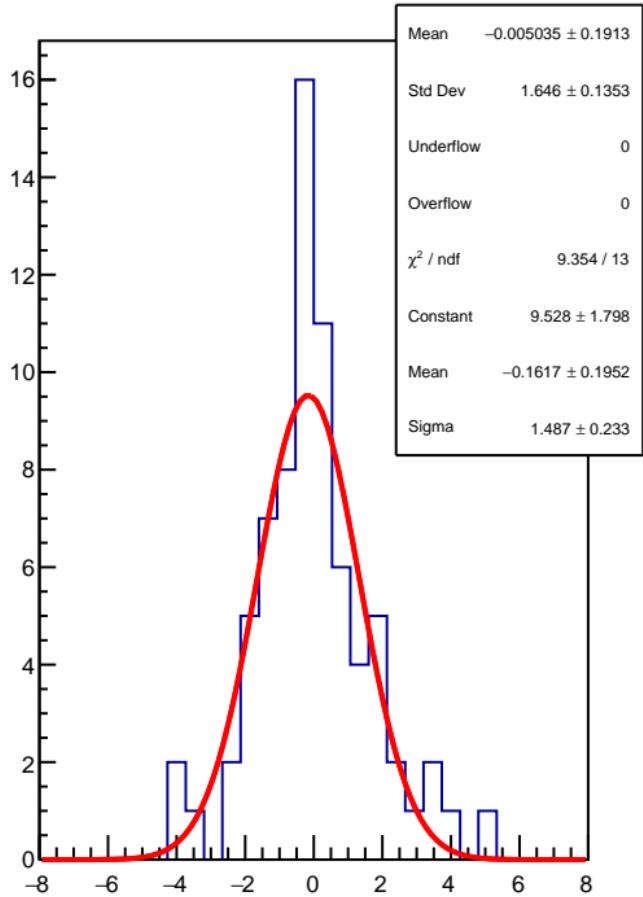
RMS (ppm)



corr_us_avg_bpm11X (ppb)

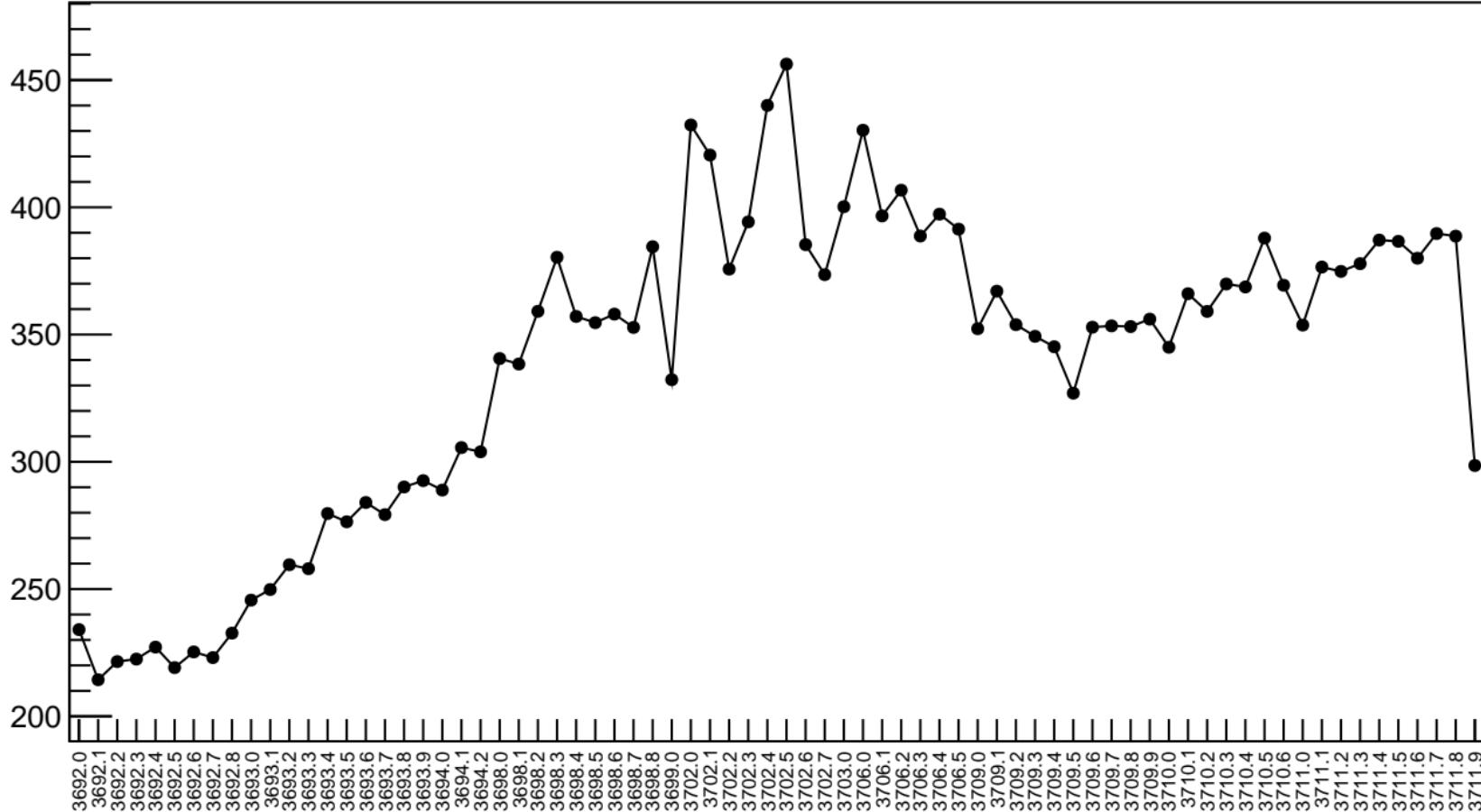


1D pull distribution



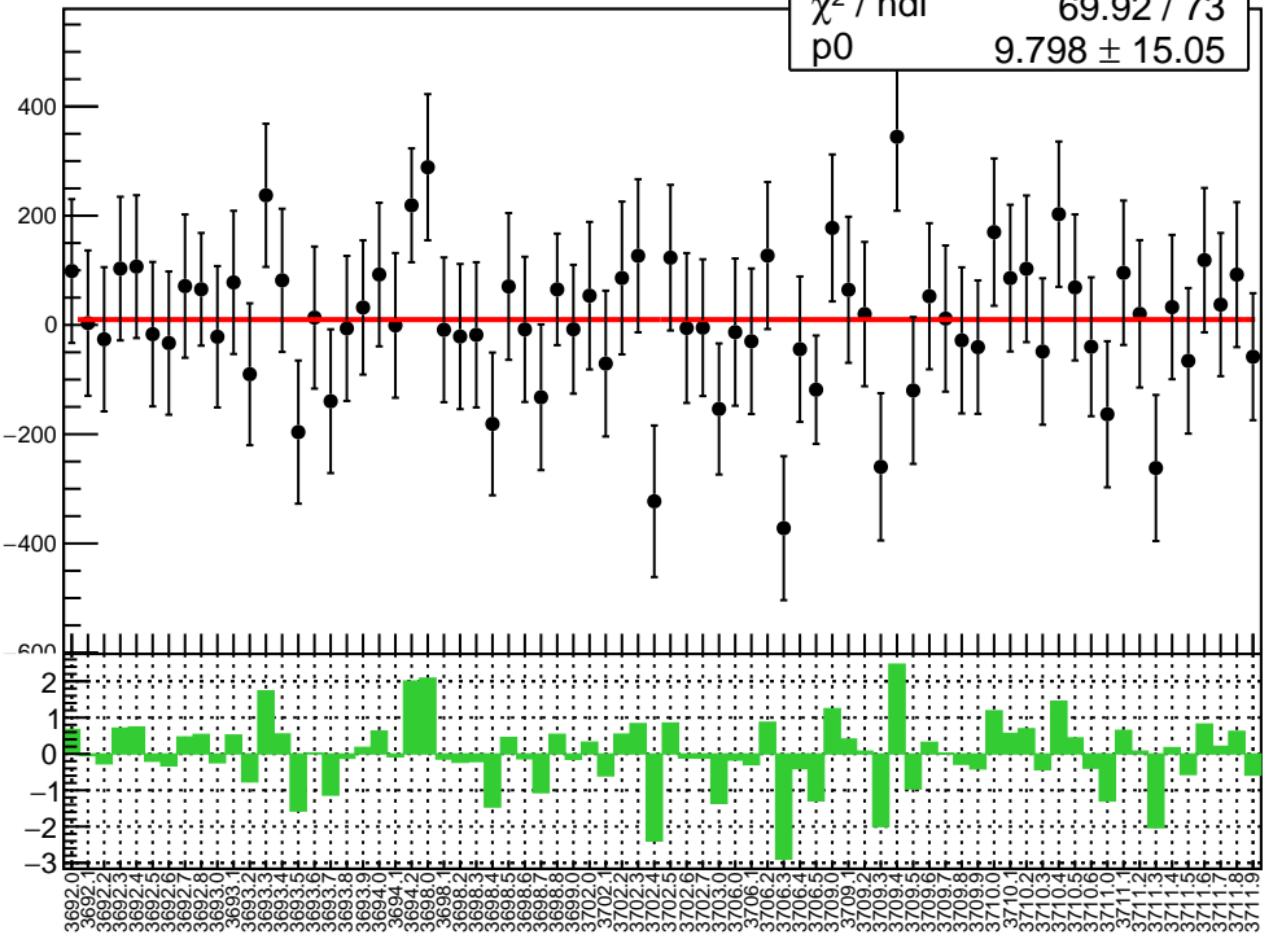
corr_us_avg_bpm11X RMS (ppm)

RMS (ppm)

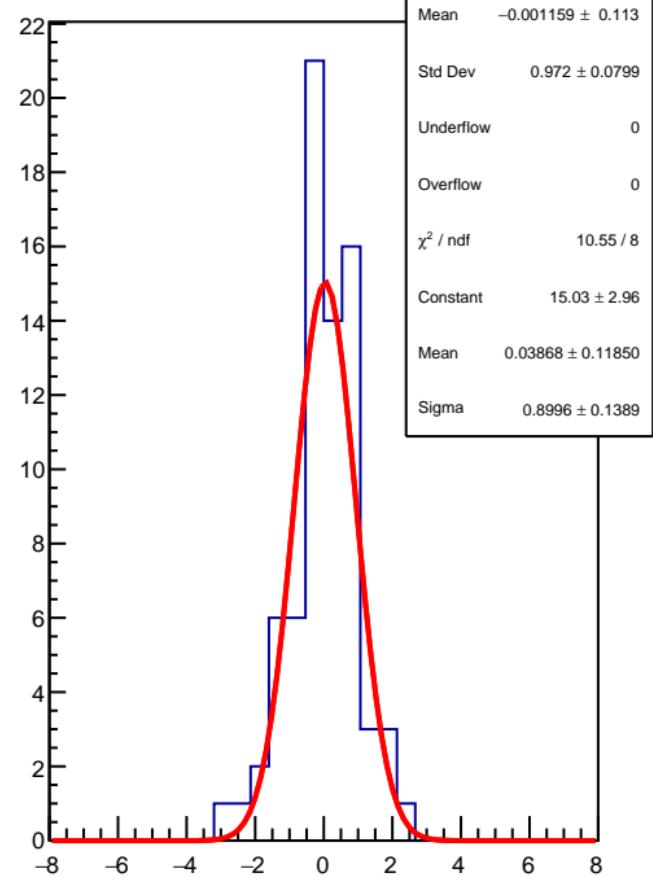


corr_us_avg_bpm11Y (ppb)

χ^2 / ndf 69.92 / 73
 p_0 9.798 ± 15.05

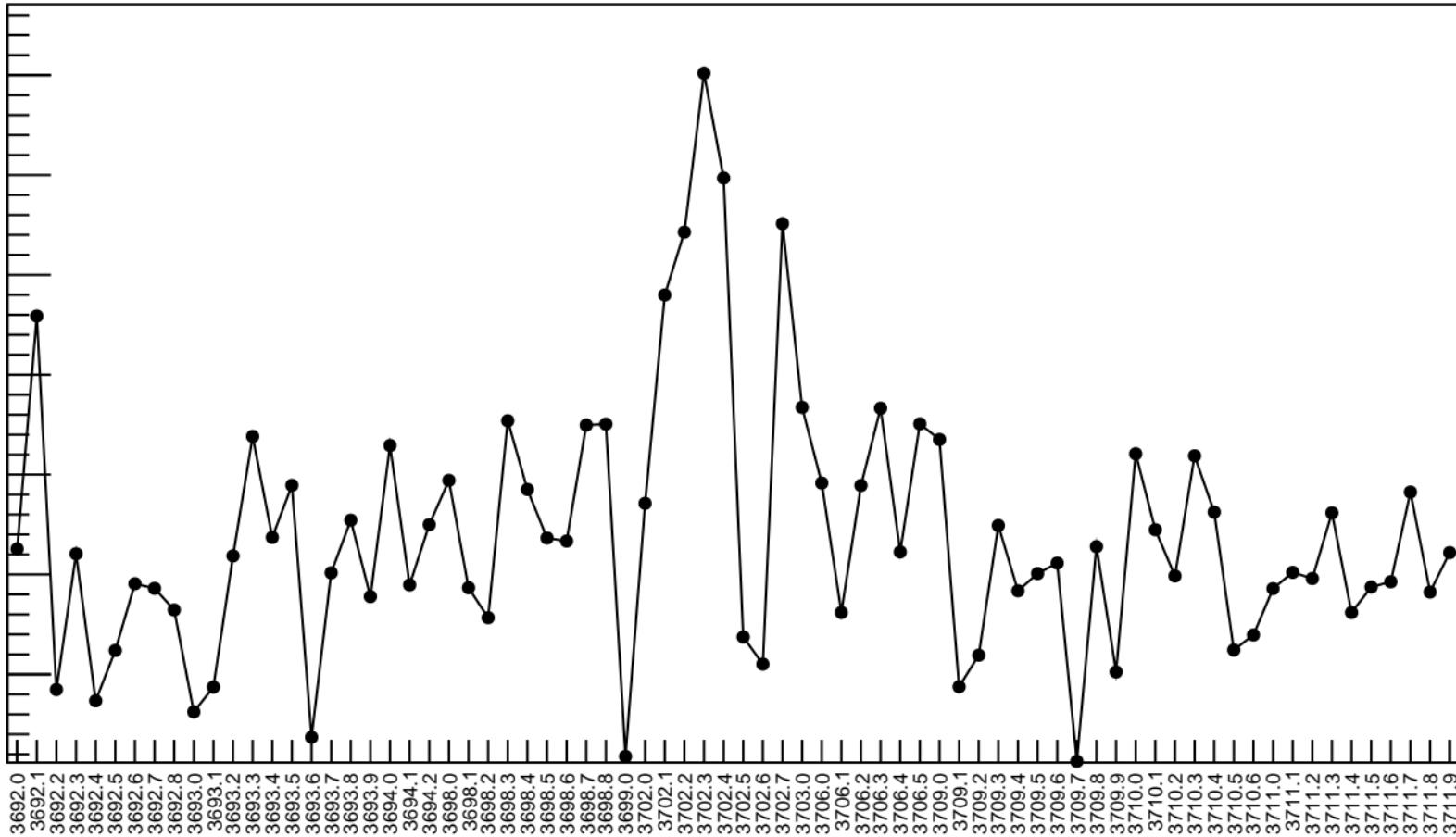


1D pull distribution

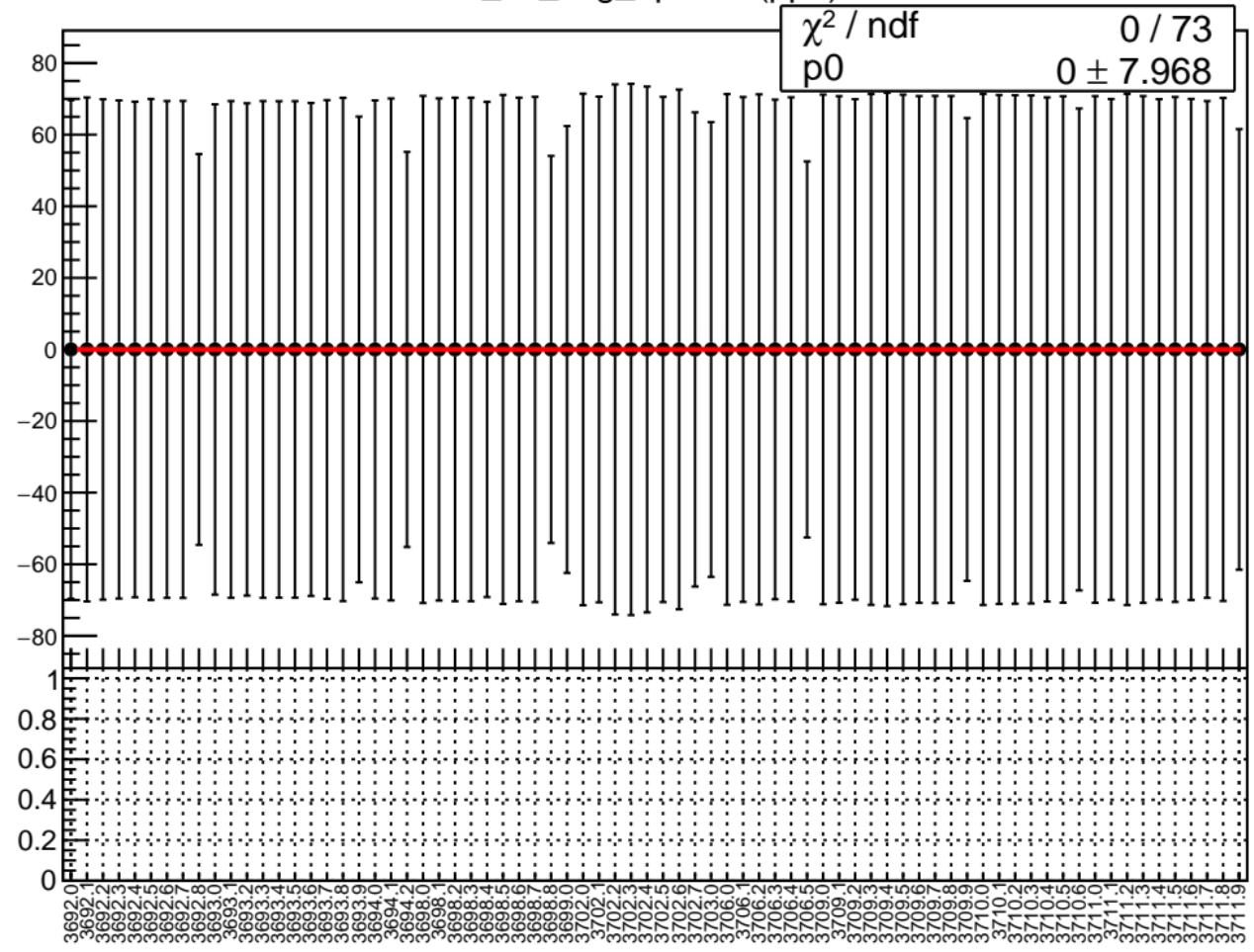


corr_us_avg_bpm11Y RMS (ppm)

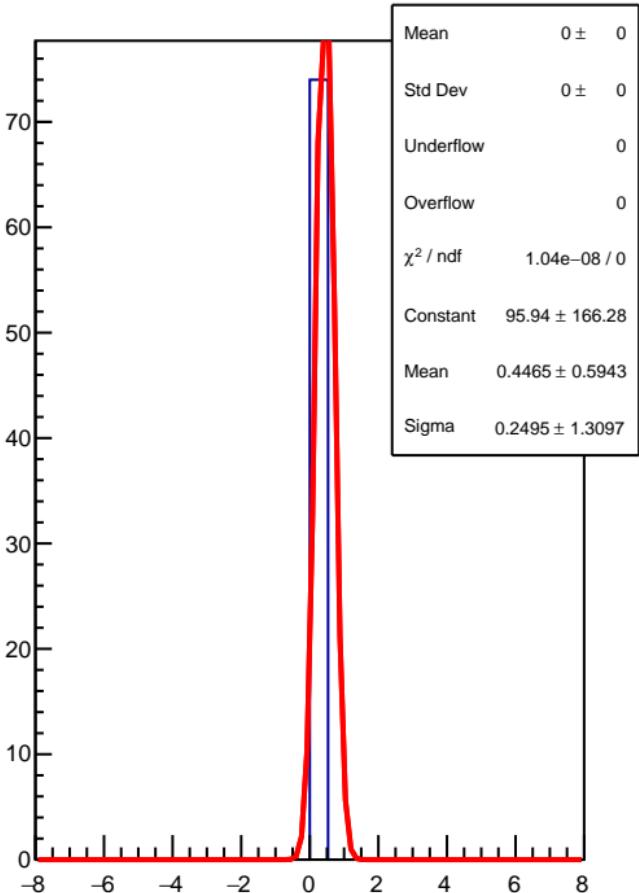
RMS (ppm)



corr_us_avg_bpm8X (ppb)

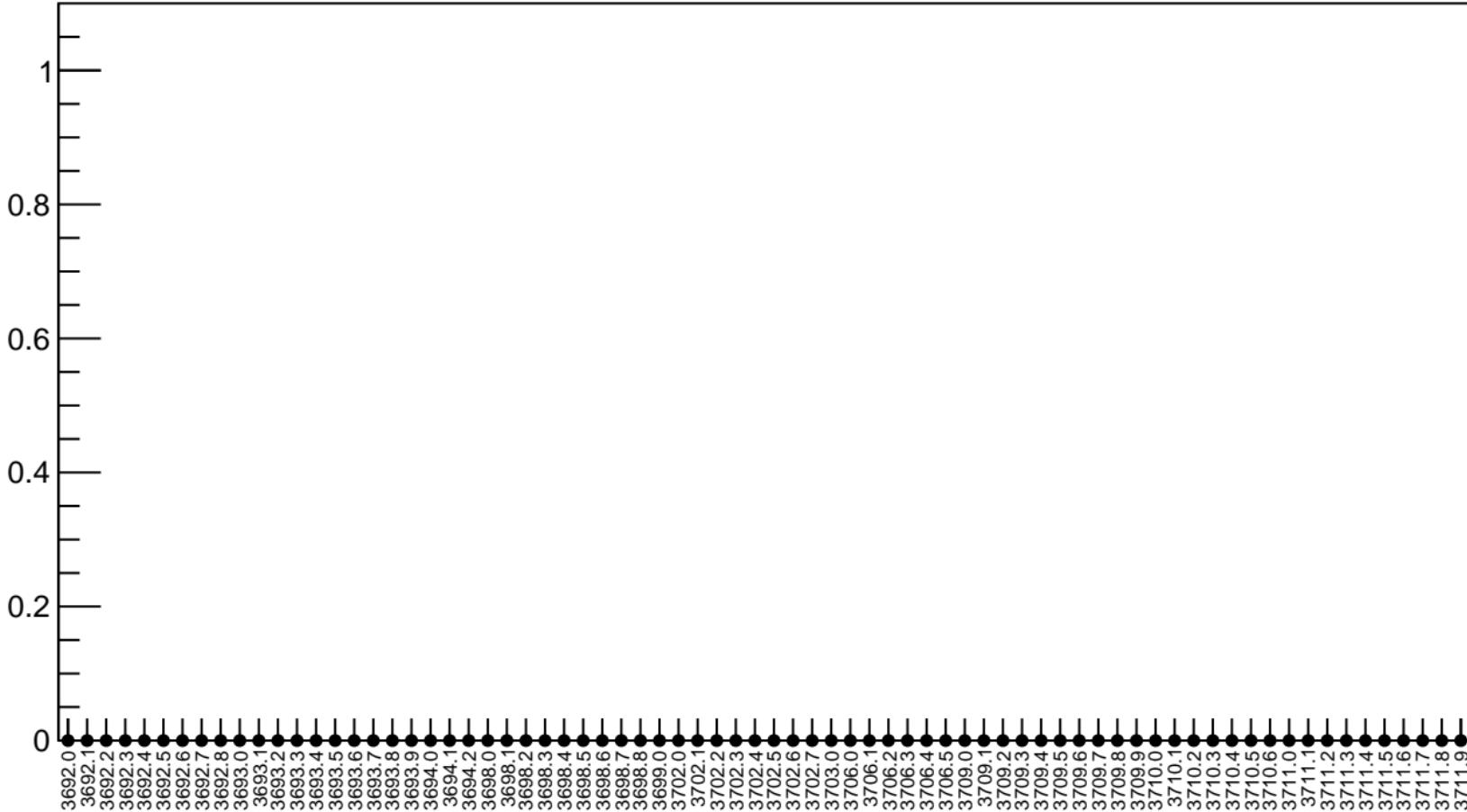


1D pull distribution

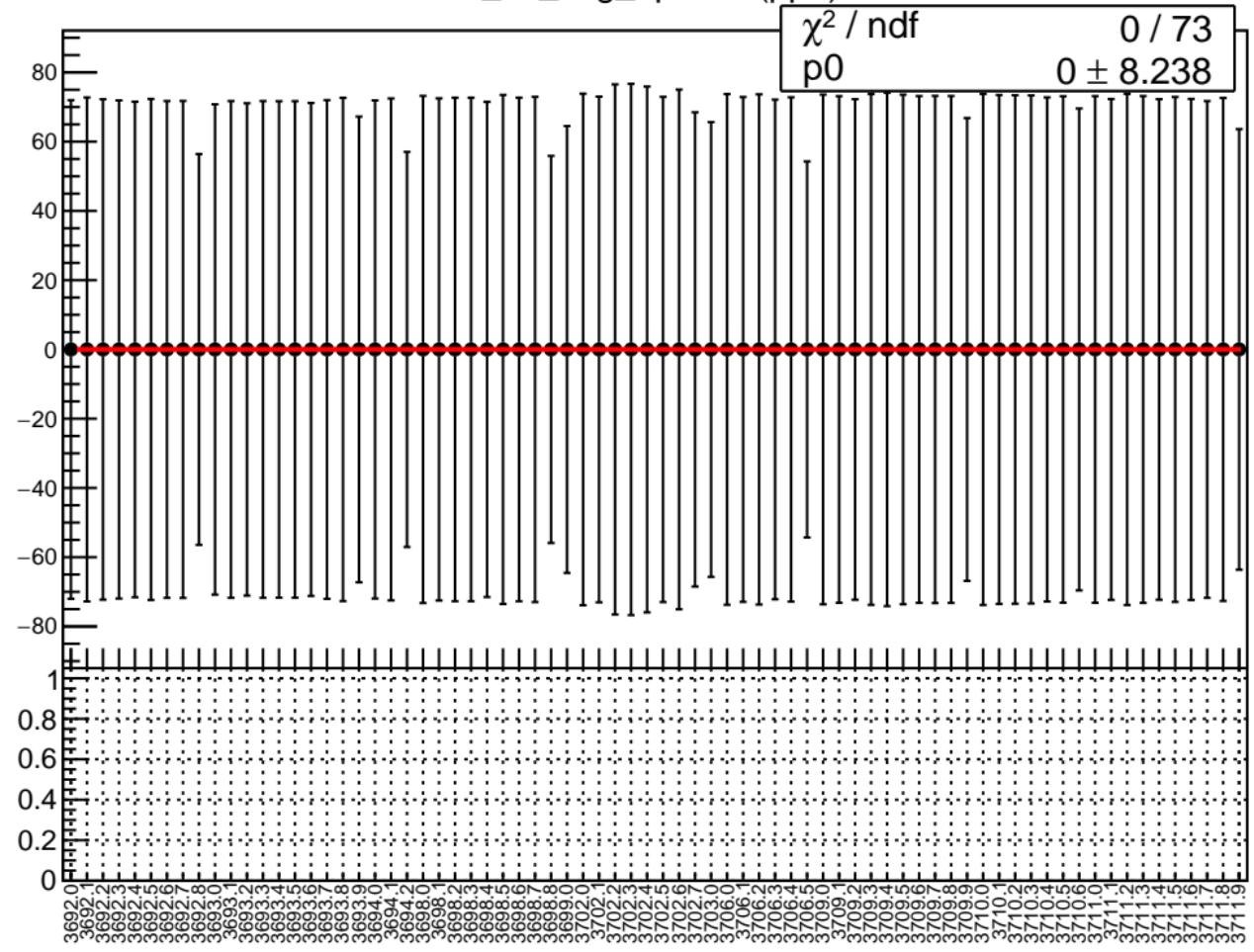


corr_us_avg_bpm8X RMS (ppm)

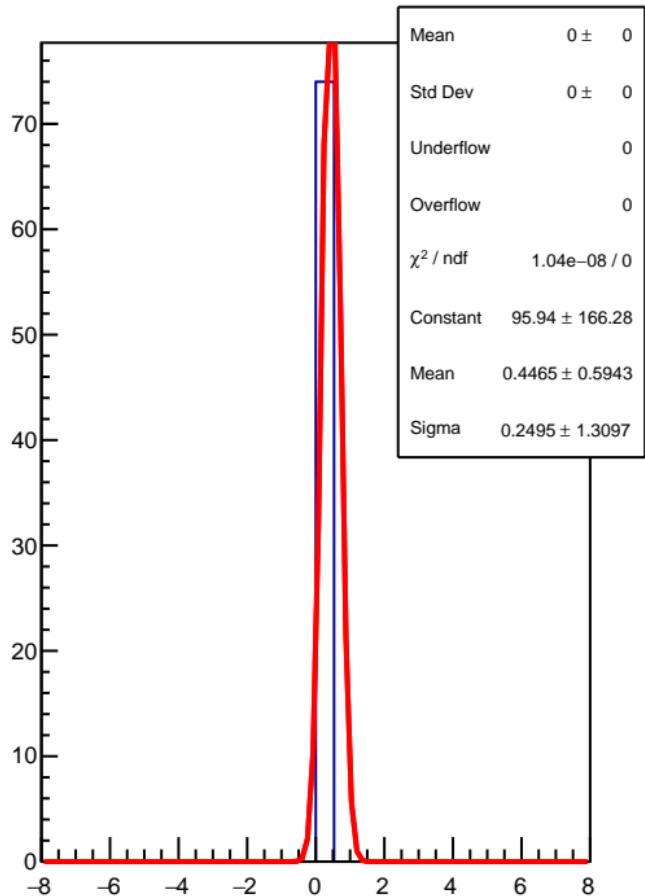
RMS (ppm)



corr_us_avg_bpm8Y (ppb)

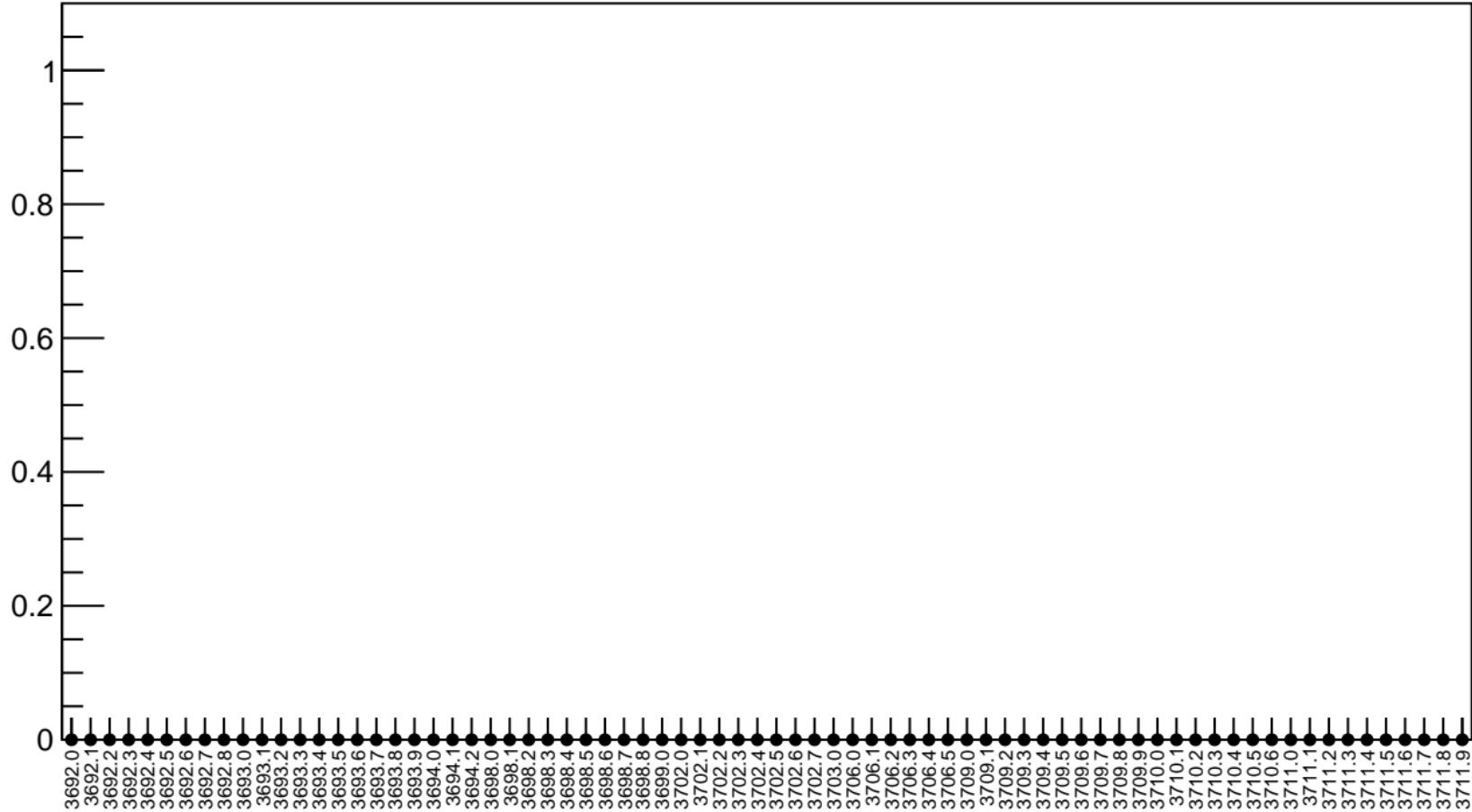


1D pull distribution



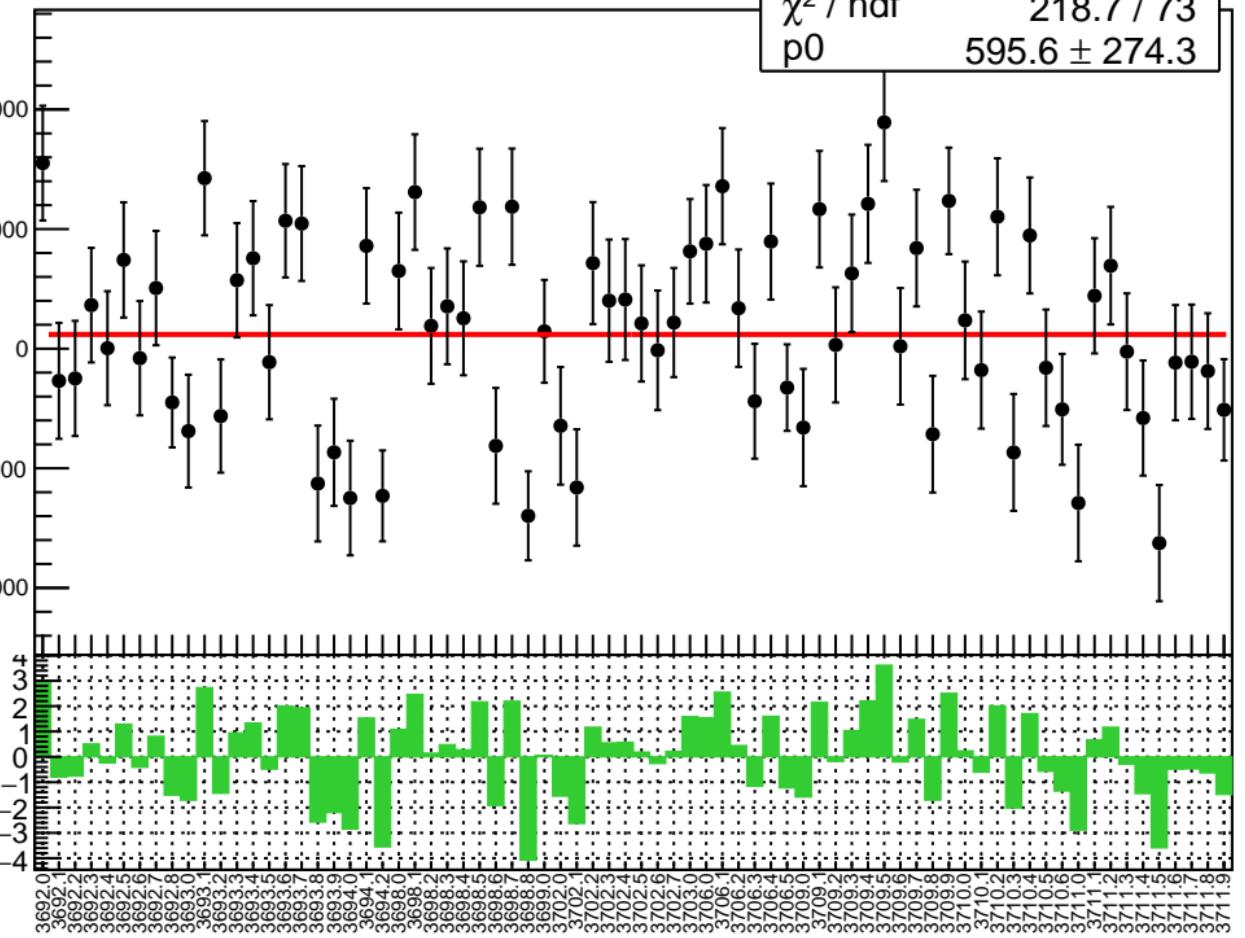
corr_us_avg_bpm8Y RMS (ppm)

RMS (ppm)



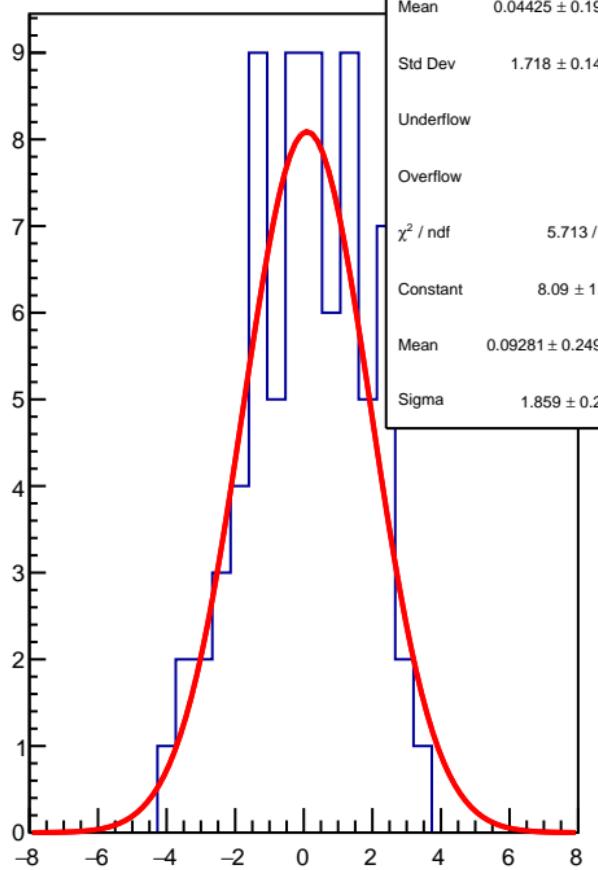
corr_us_dd_bpm4eX (ppb)

χ^2 / ndf 218.7 / 73
p0 595.6 ± 274.3



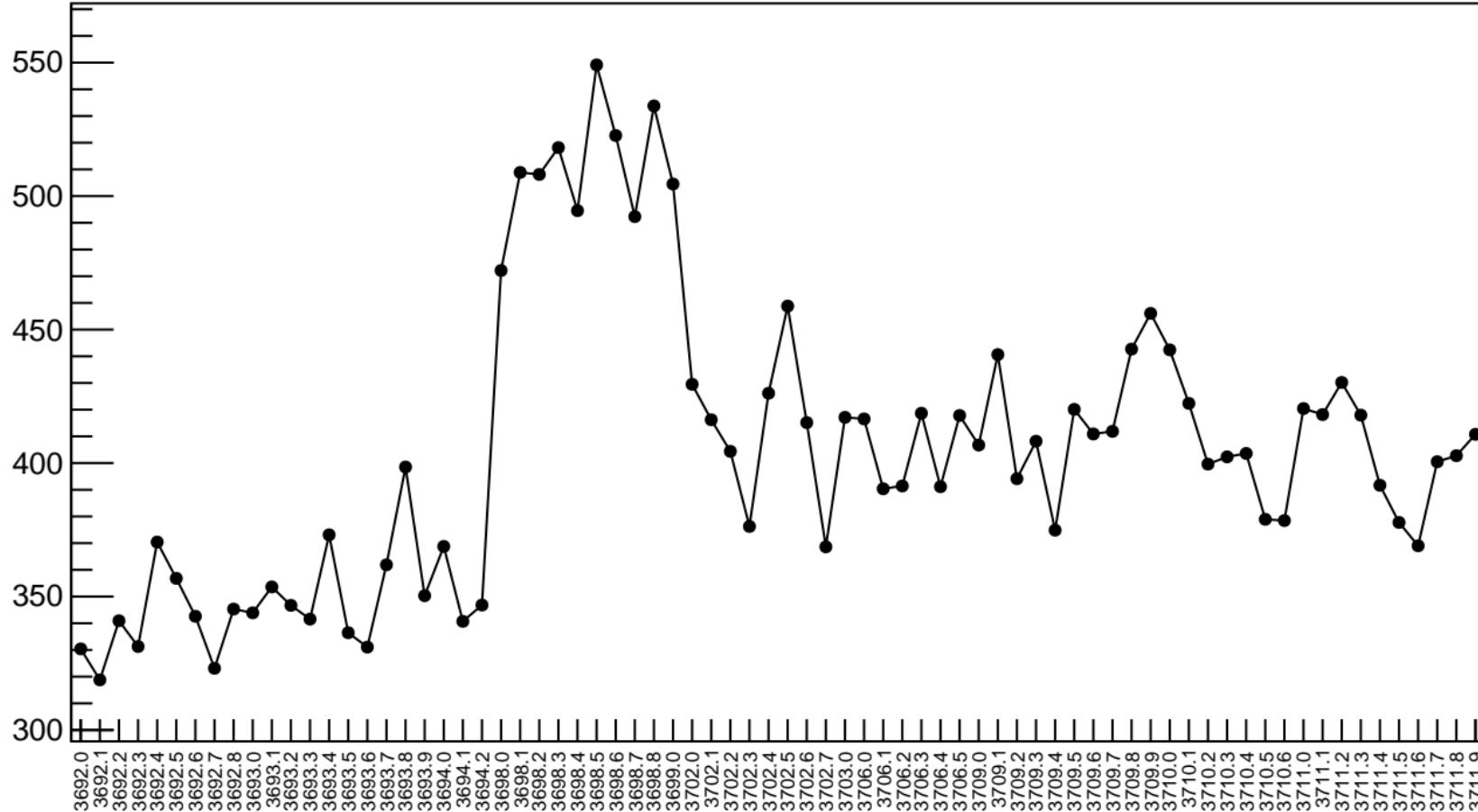
1D pull distribution

Mean 0.04425 ± 0.1998
Std Dev 1.718 ± 0.1413
Underflow 0
Overflow 0
 χ^2 / ndf 5.713 / 12
Constant 8.09 ± 1.27
Mean 0.09281 ± 0.24984
Sigma 1.859 ± 0.226

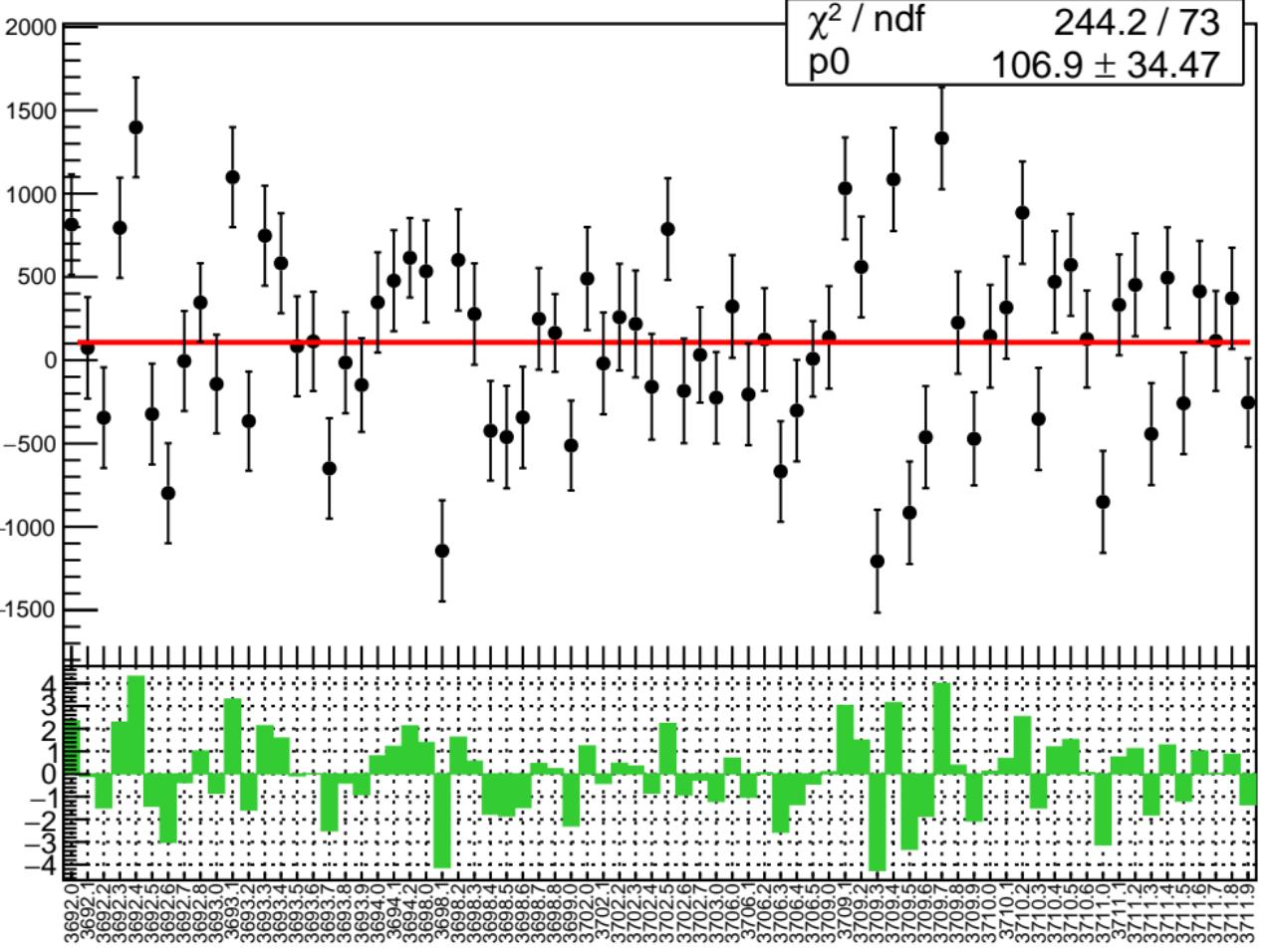


corr_us_dd_bpm4eX RMS (ppm)

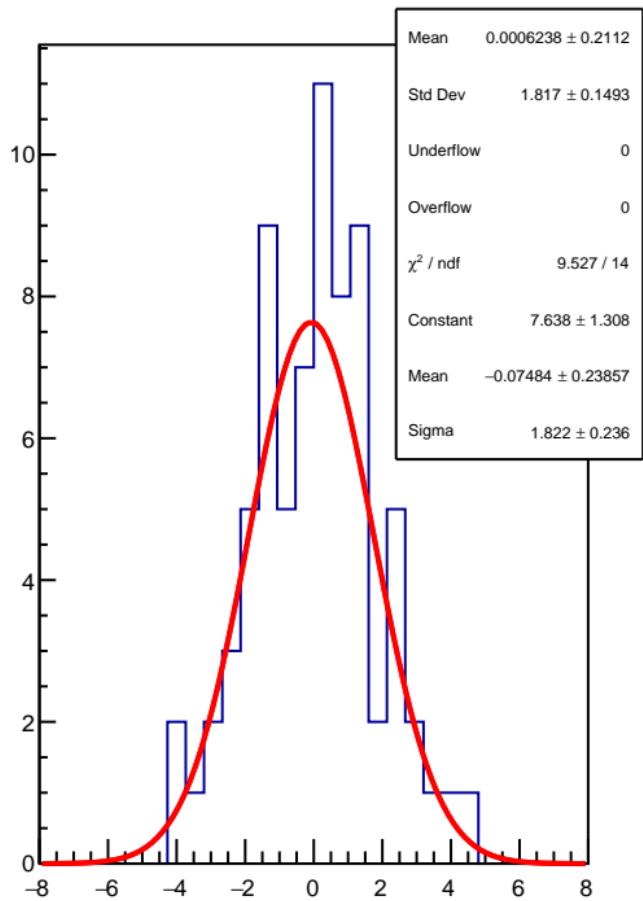
RMS (ppm)



corr_us_dd_bpm4eY (ppb)

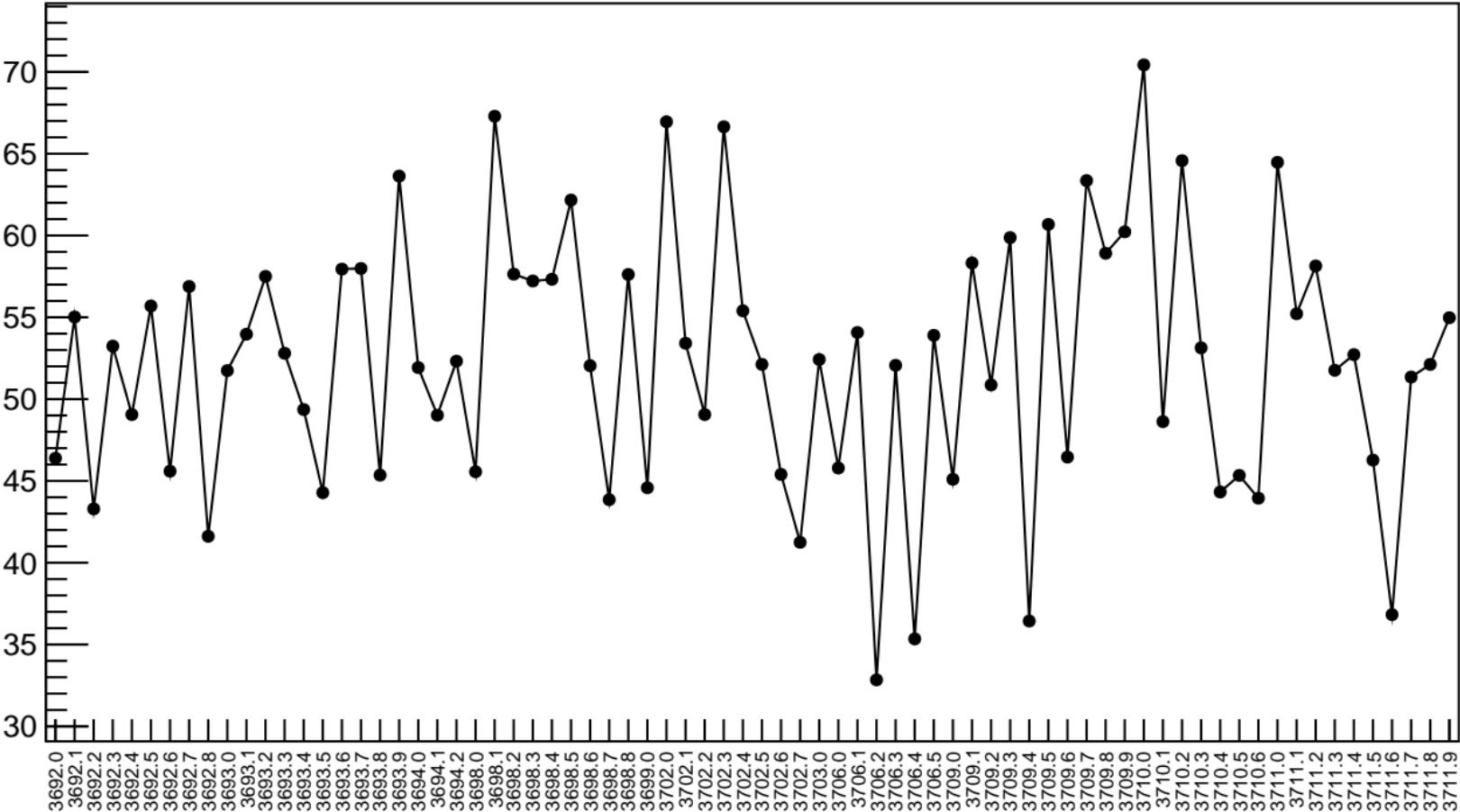


1D pull distribution



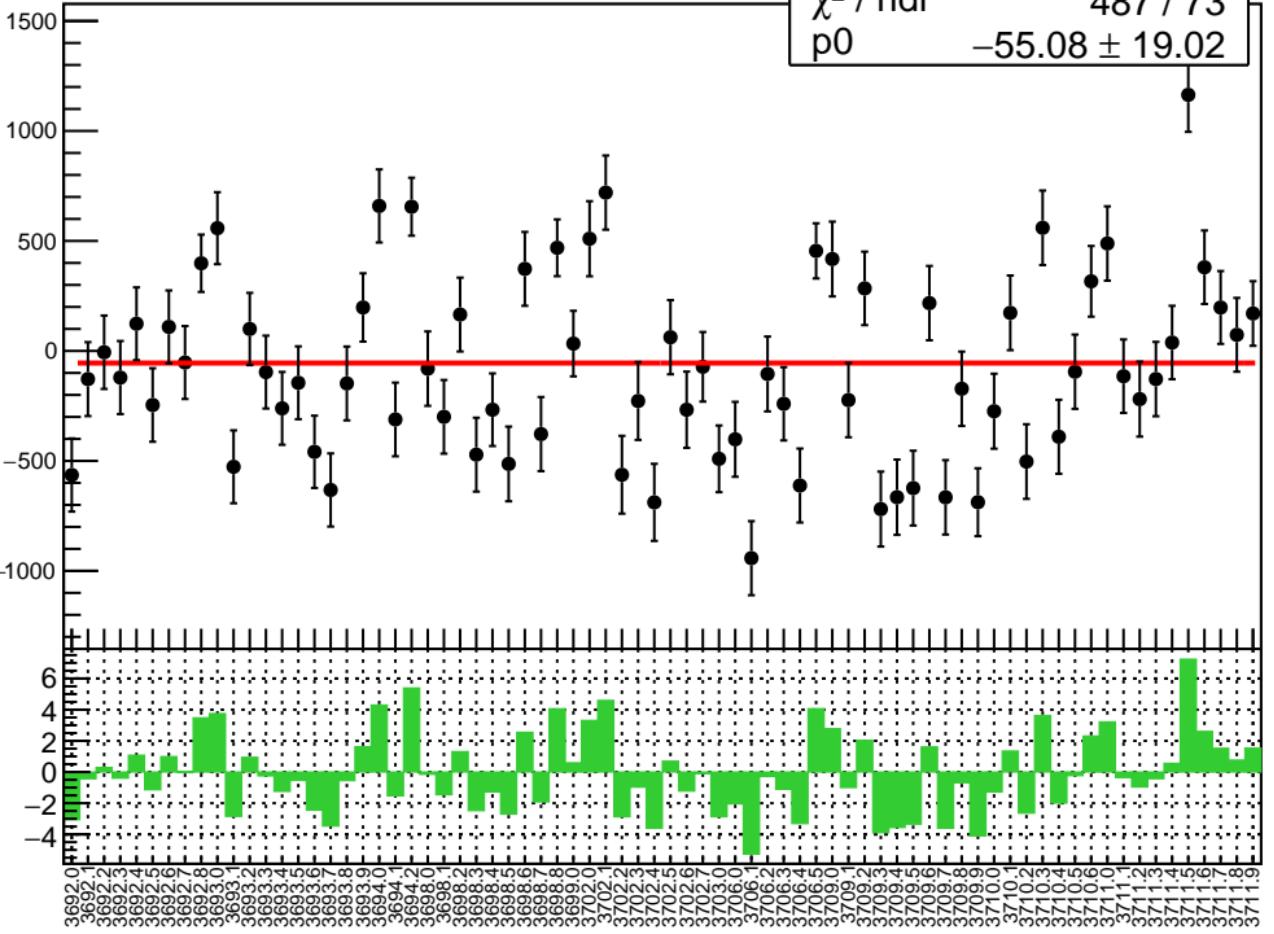
corr_us_dd_bpm4eY RMS (ppm)

RMS (ppm)



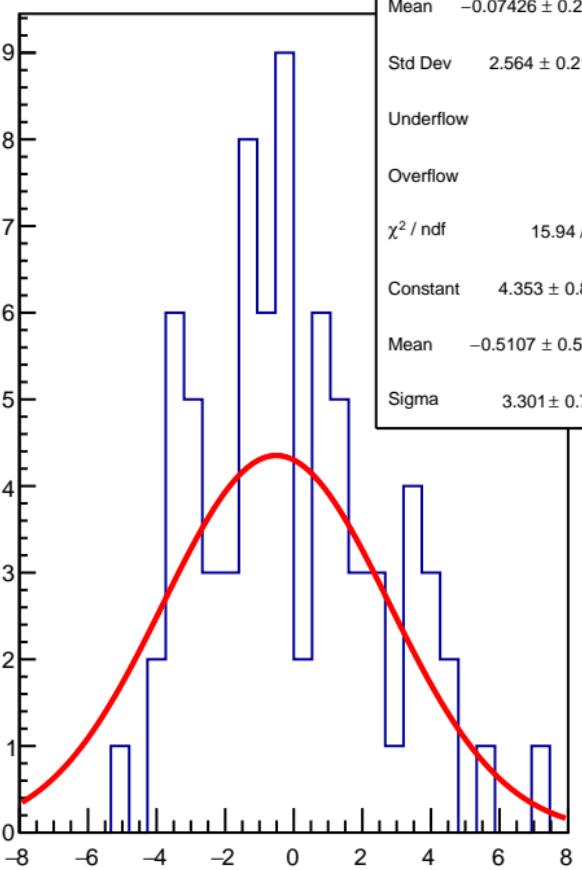
corr_us_dd_bpm4aX (ppb)

χ^2 / ndf 487 / 73
p0 -55.08 ± 19.02

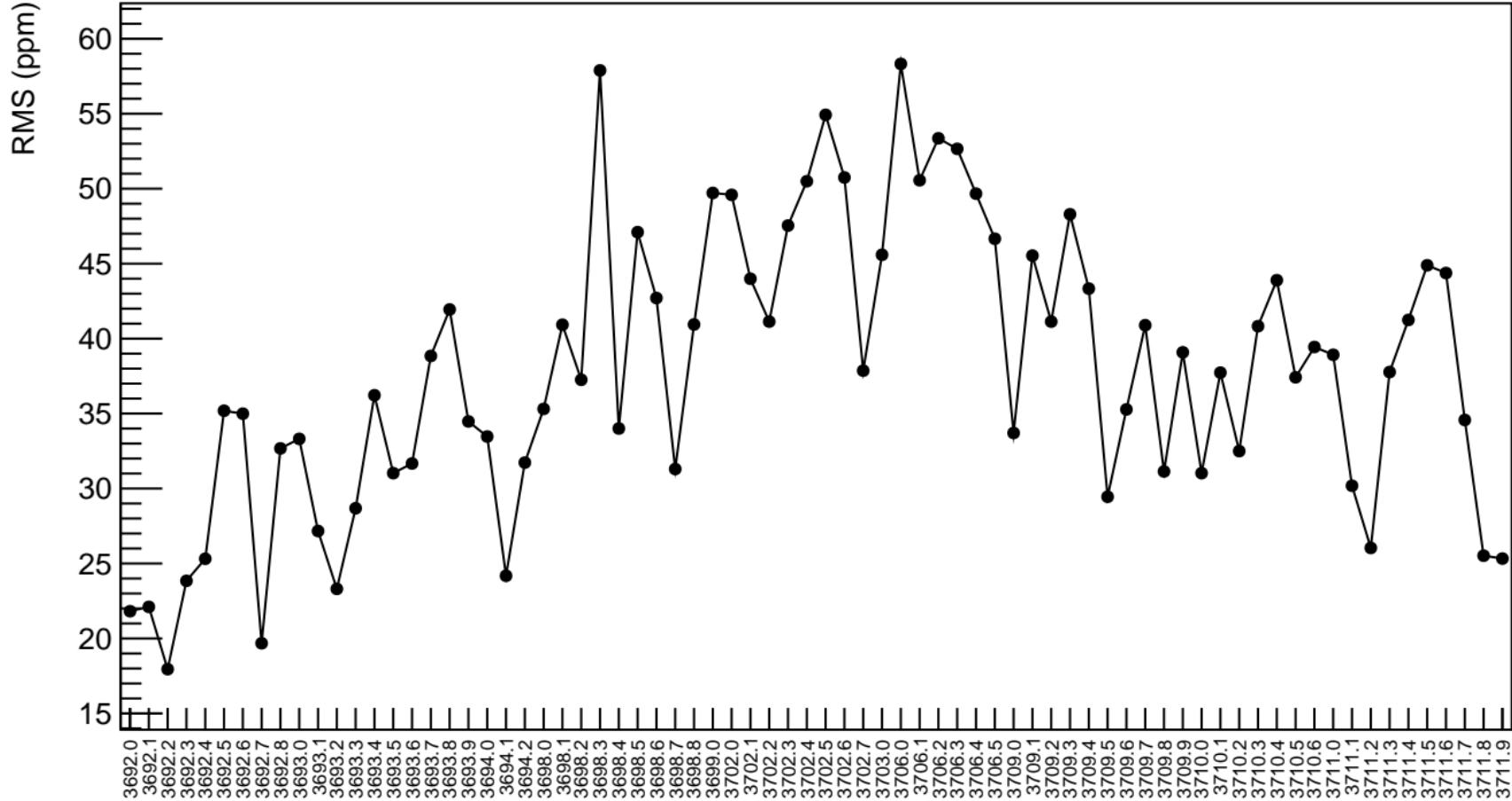


1D pull distribution

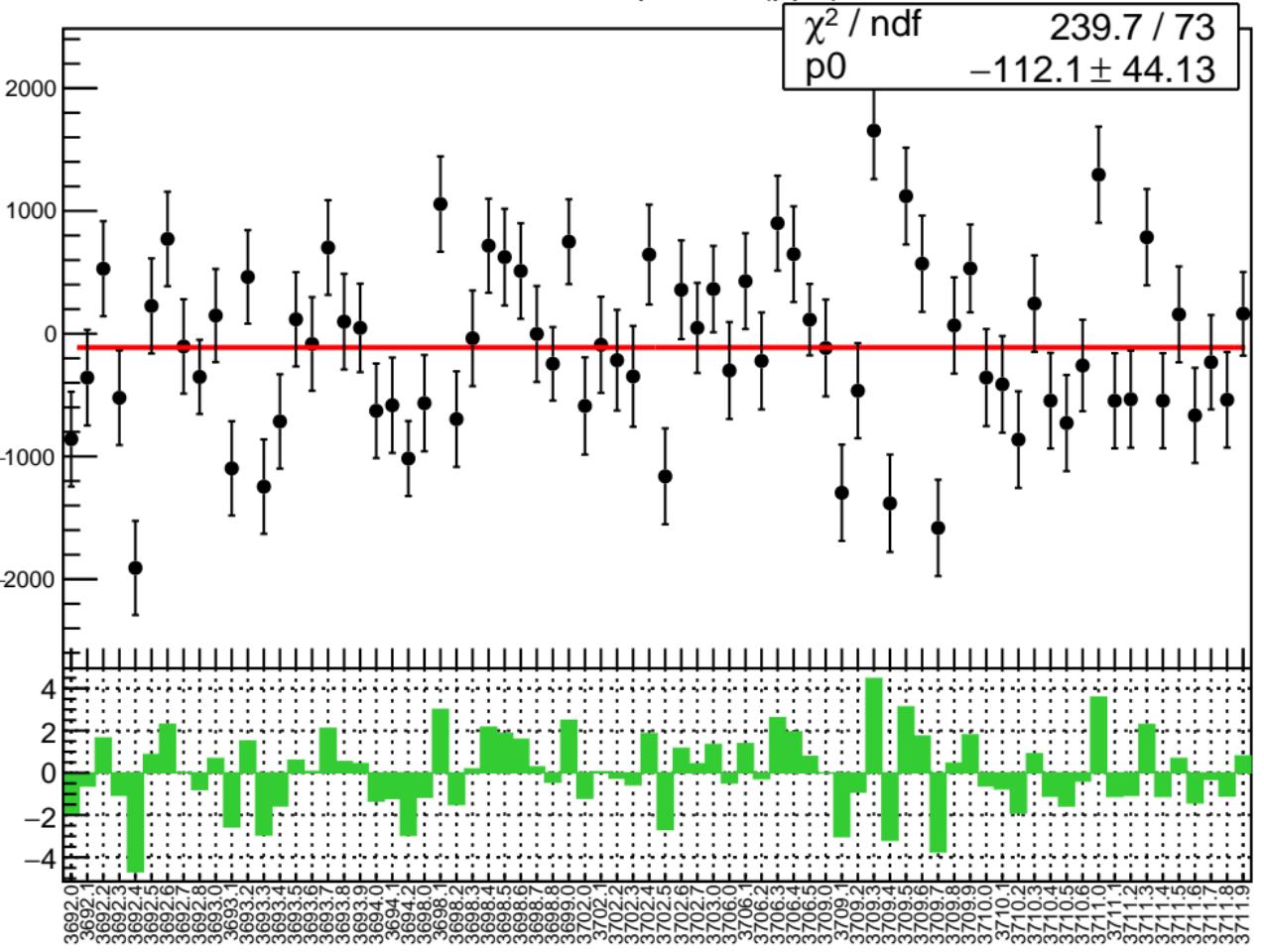
Mean -0.07426 ± 0.2981
Std Dev 2.564 ± 0.2108
Underflow 0
Overflow 0
 χ^2 / ndf 15.94 / 17
Constant 4.353 ± 0.827
Mean -0.5107 ± 0.5661
Sigma 3.301 ± 0.744



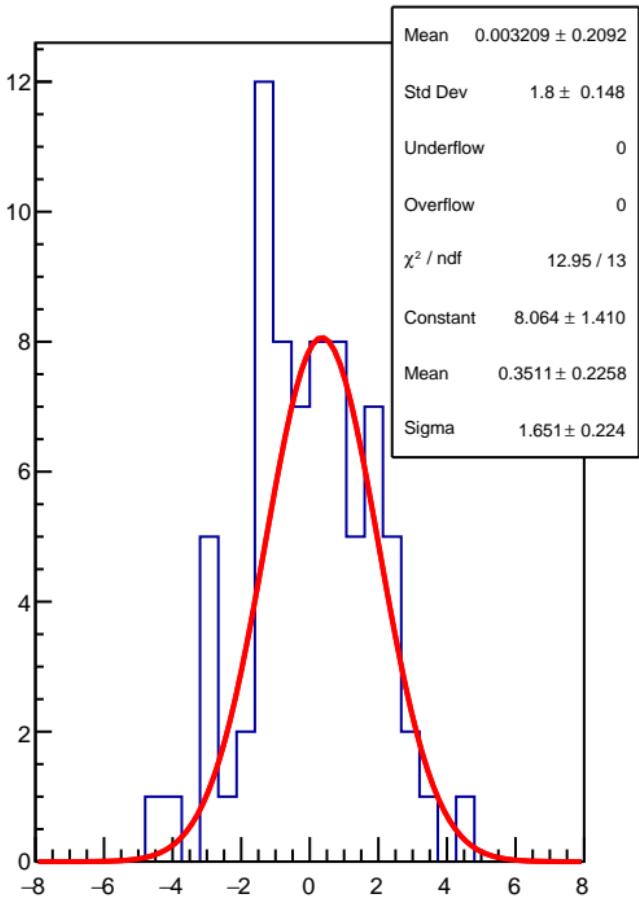
corr_us_dd_bpm4aX RMS (ppm)



corr_us_dd_bpm4aY (ppb)

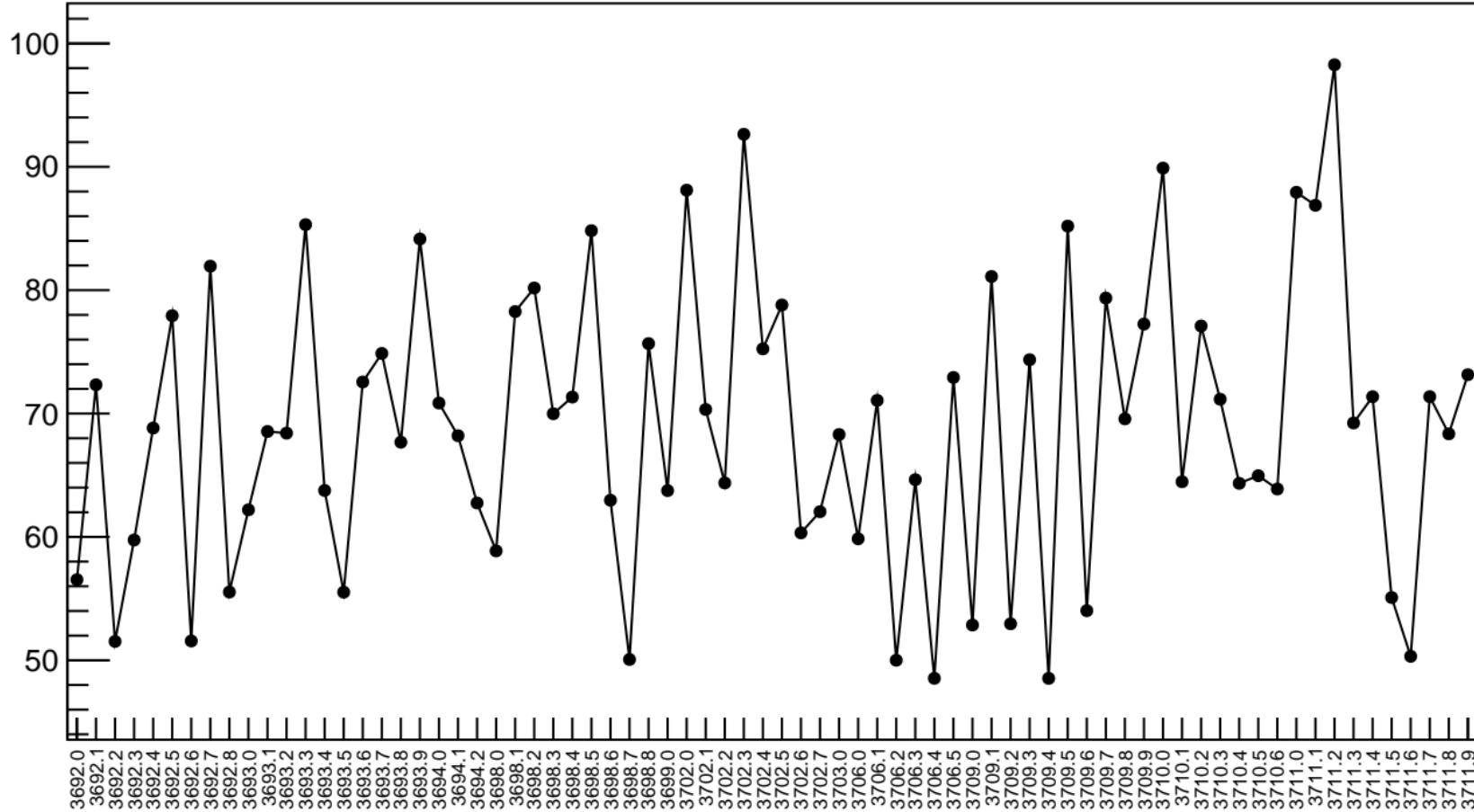


1D pull distribution



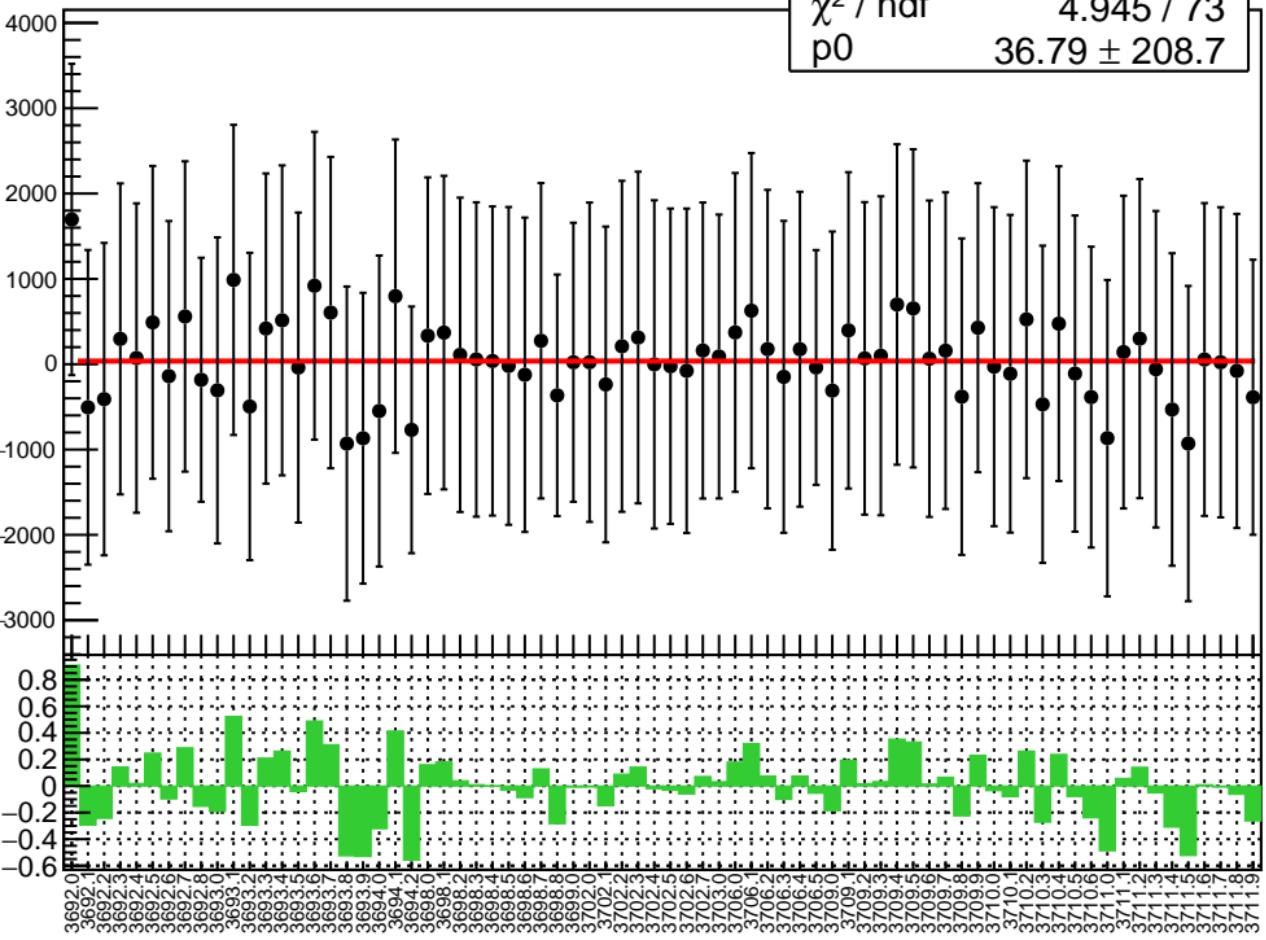
corr_us_dd_bpm4aY RMS (ppm)

RMS (ppm)

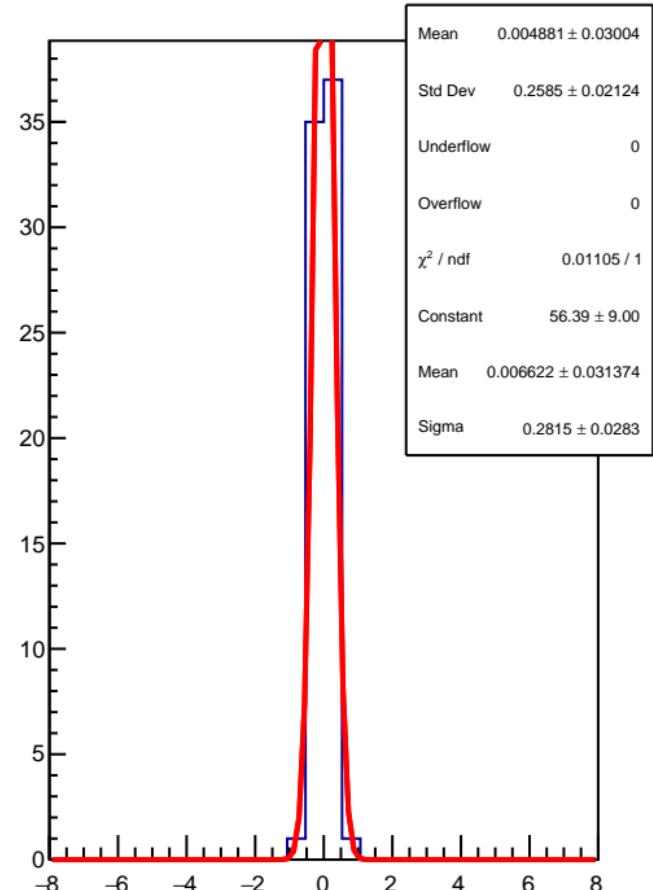


corr_us_dd_bpm1X (ppb)

χ^2 / ndf 4.945 / 73
p0 36.79 ± 208.7

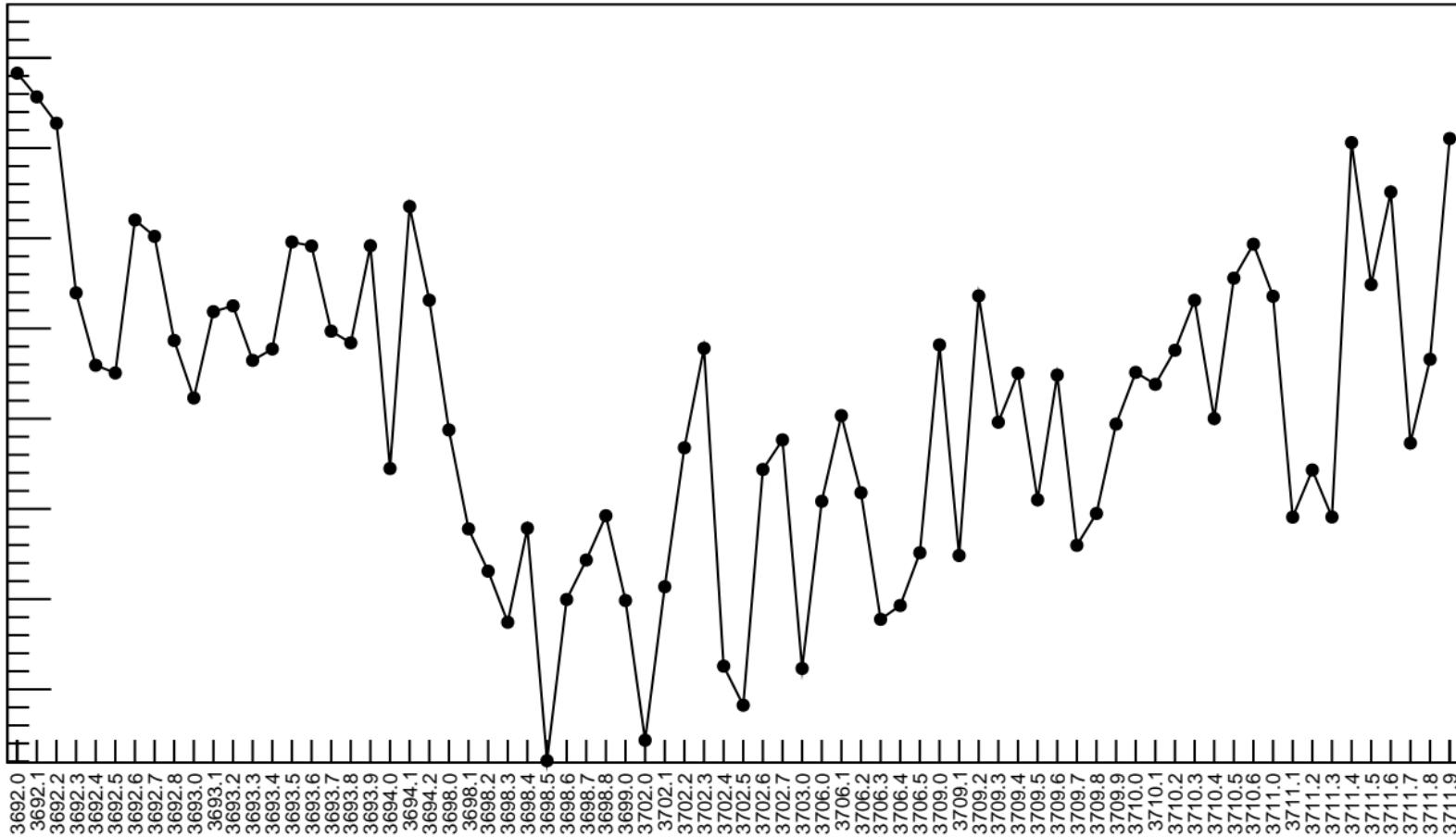


1D pull distribution



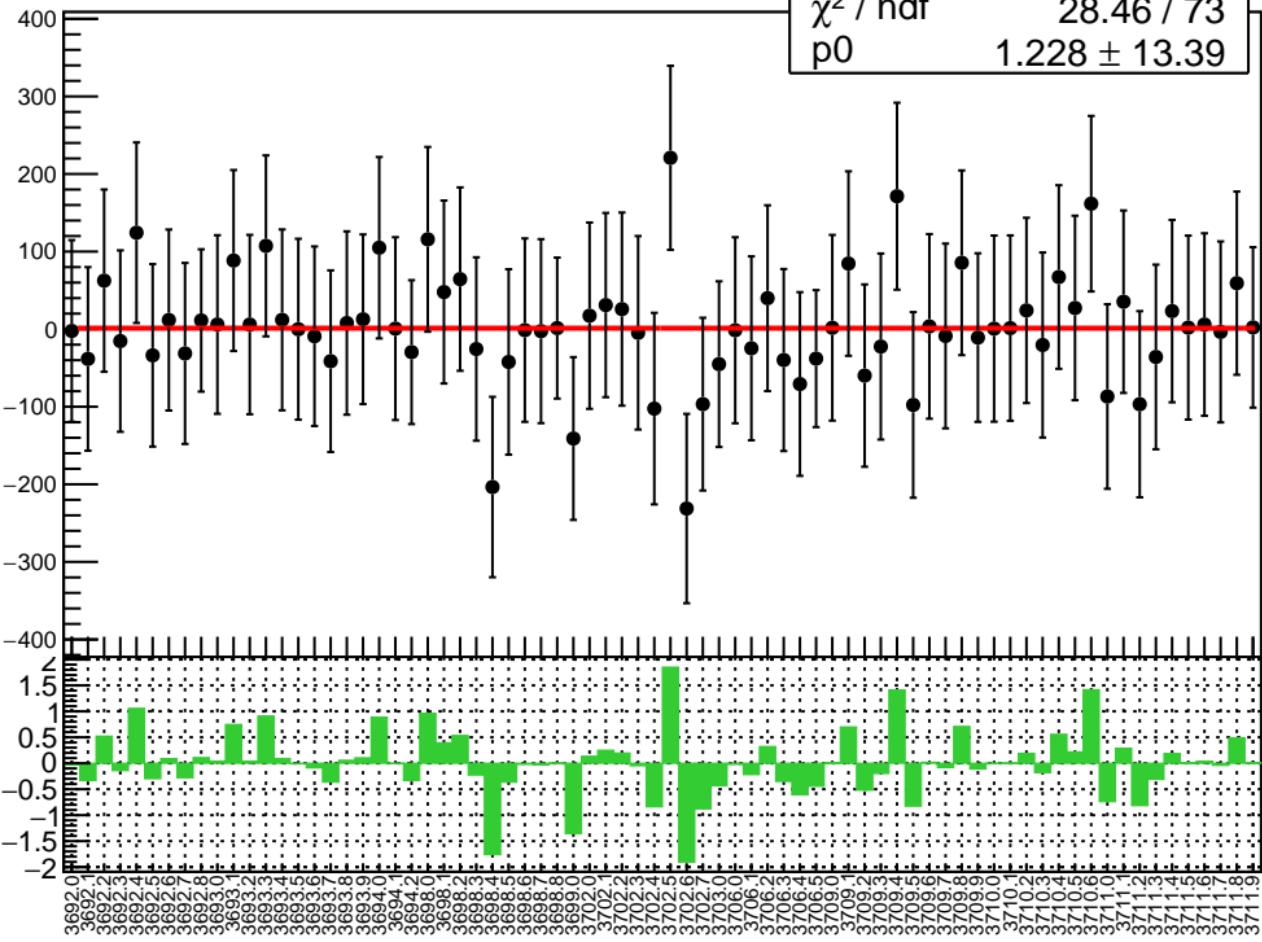
corr_us_dd_bpm1X RMS (ppm)

RMS (ppm)

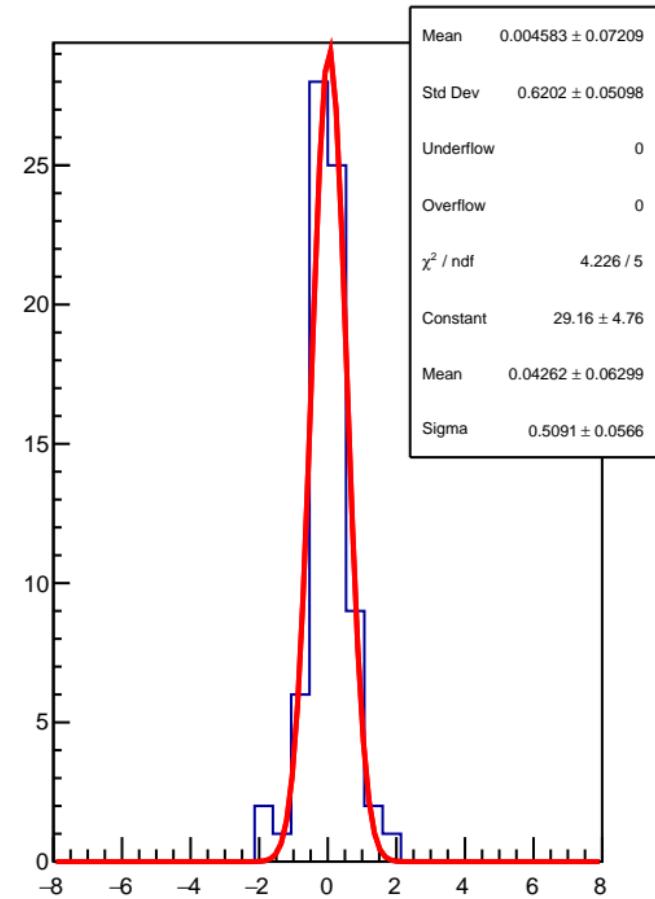


corr_us_dd_bpm1Y (ppb)

χ^2 / ndf 28.46 / 73
 p_0 1.228 ± 13.39

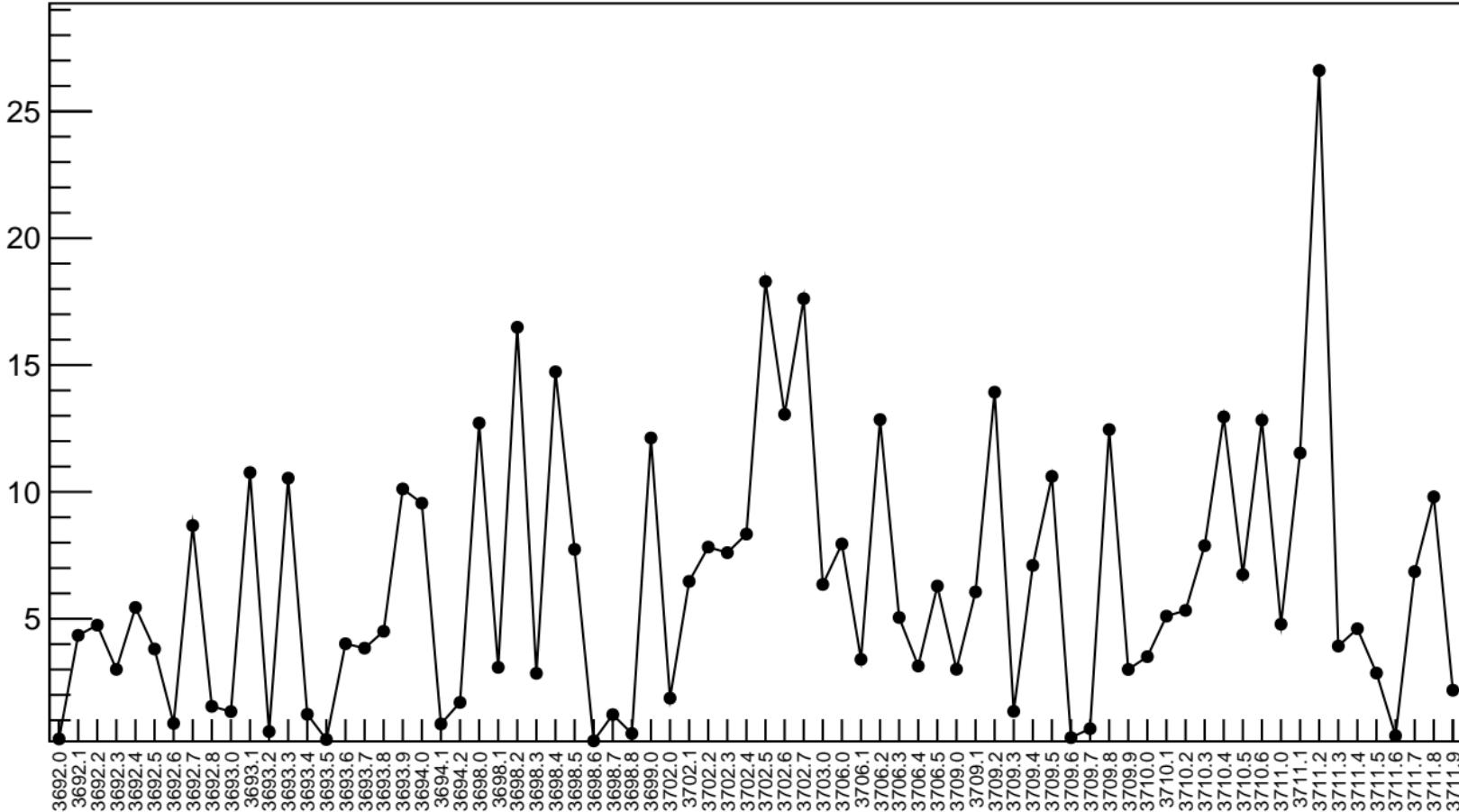


1D pull distribution



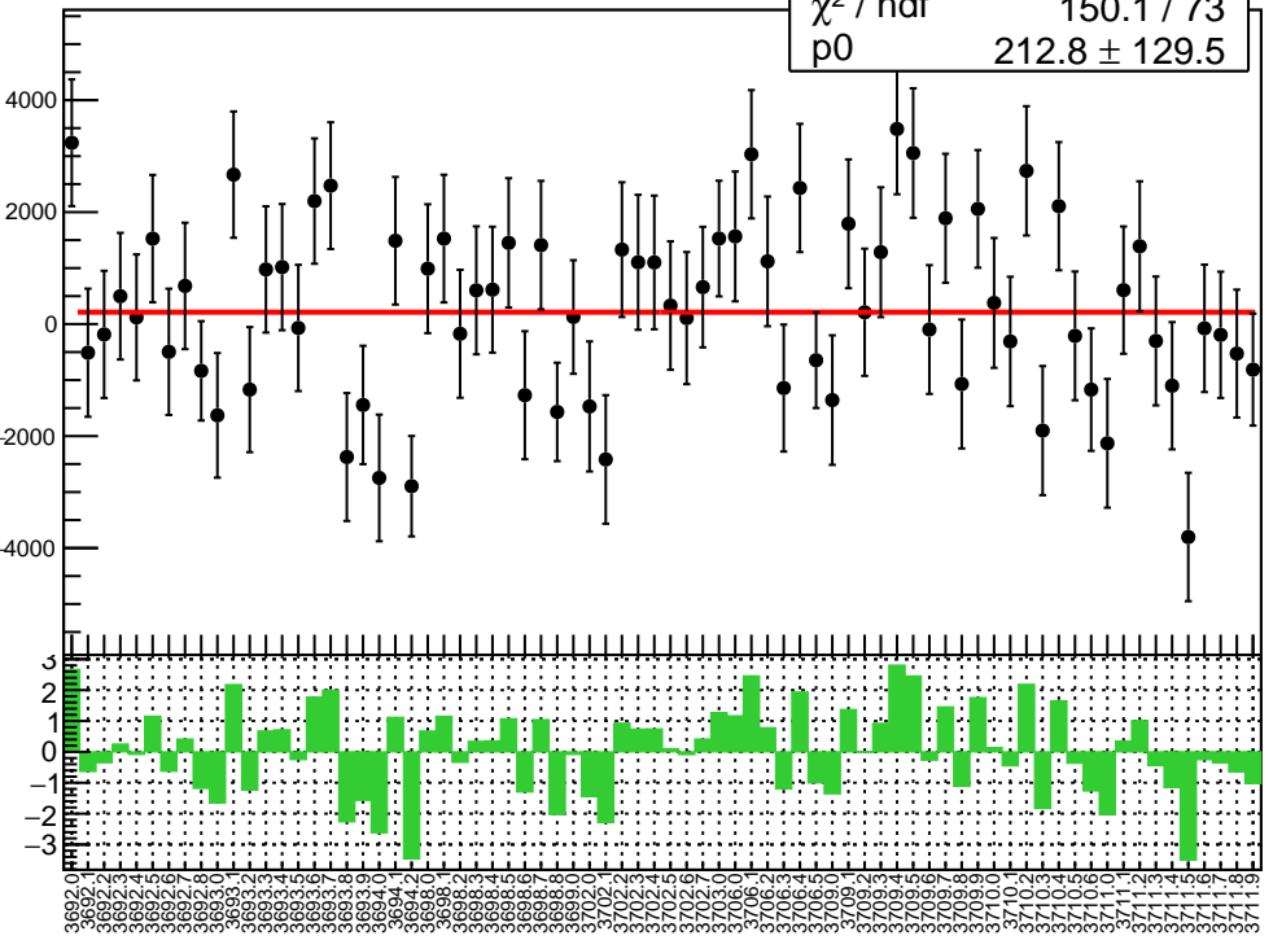
corr_us_dd_bpm1Y RMS (ppm)

RMS (ppm)





χ^2 / ndf 150.1 / 73
 ≈ 0 212.8 ± 129.5

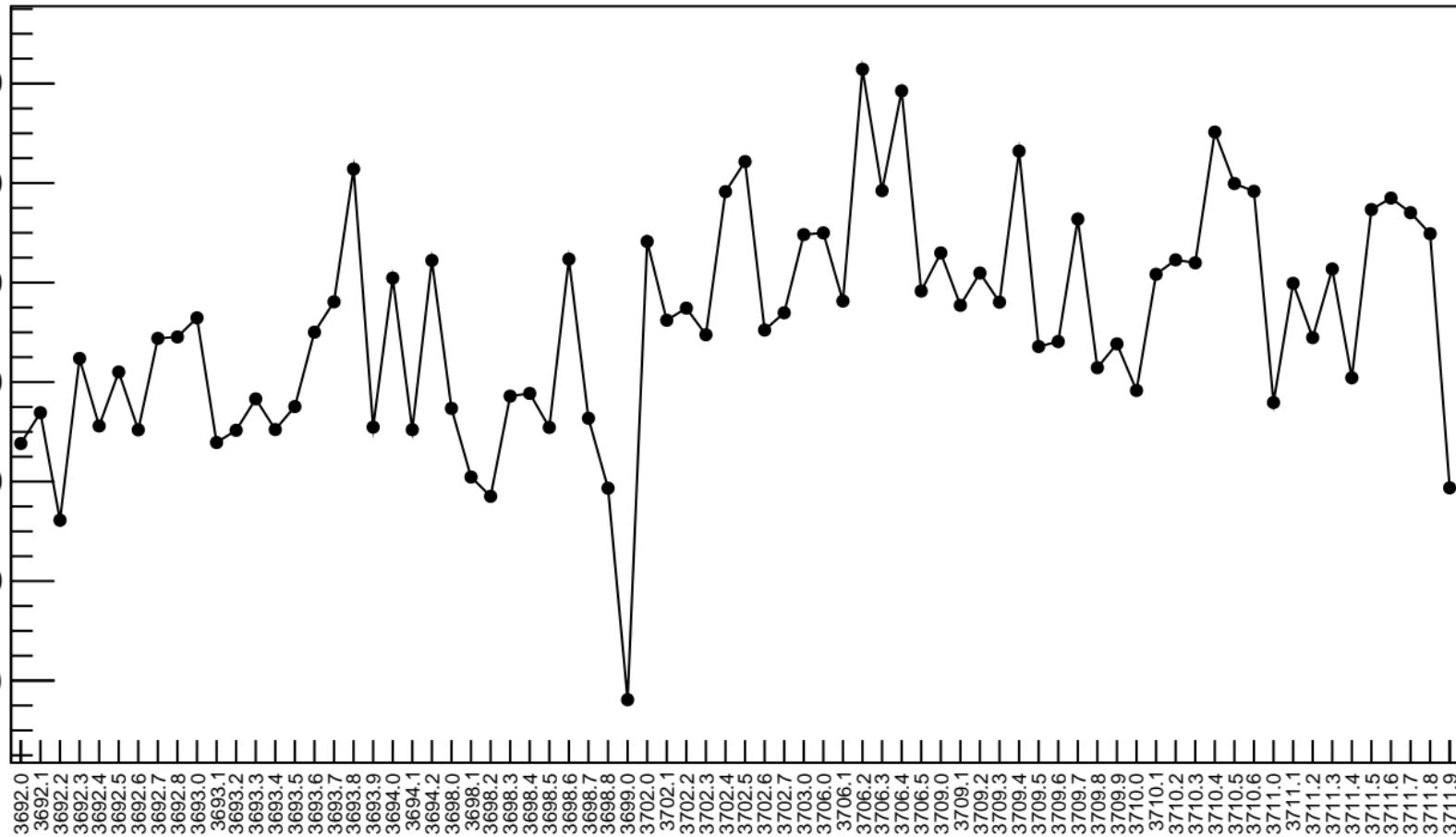


1D pull distribution

Mean	0.03334 ± 0.1655
Std Dev	1.424 ± 0.117
Underflow	0
Overflow	0
χ^2 / ndf	5.494 / 9
Constant	9.092 ± 1.502
Mean	0.1143 ± 0.2537
Sigma	1.736 ± 0.279

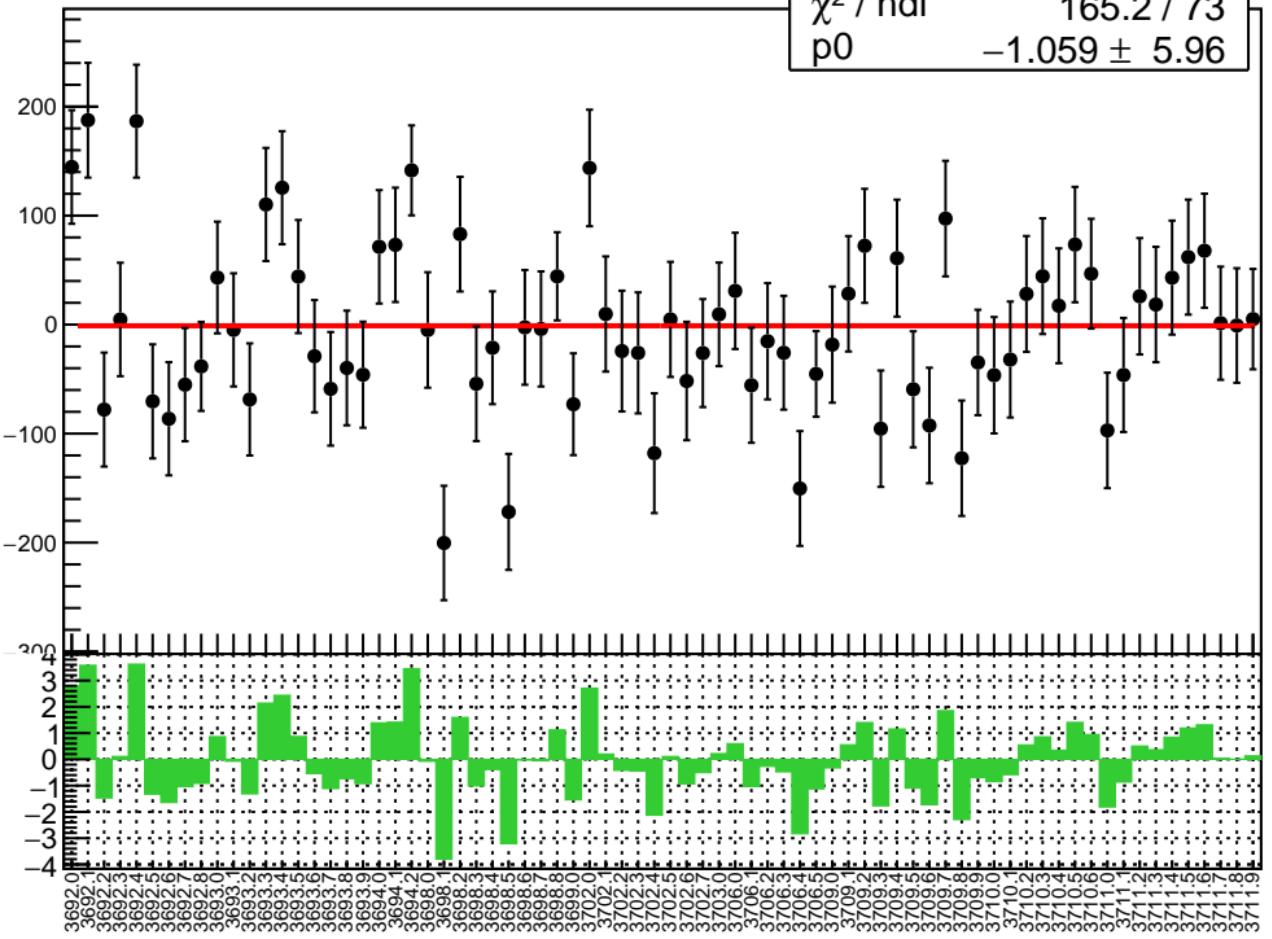
corr_us_dd_bpm16X RMS (ppm)

RMS (ppm)

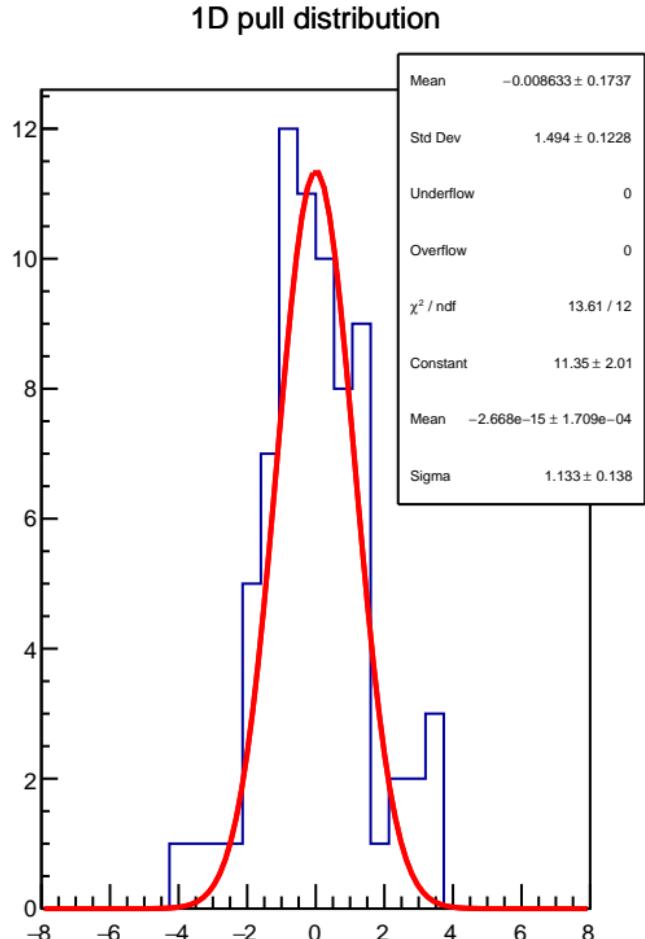


corr_us_dd_bpm16Y (ppb)

χ^2 / ndf 165.2 / 73
p0 -1.059 ± 5.96

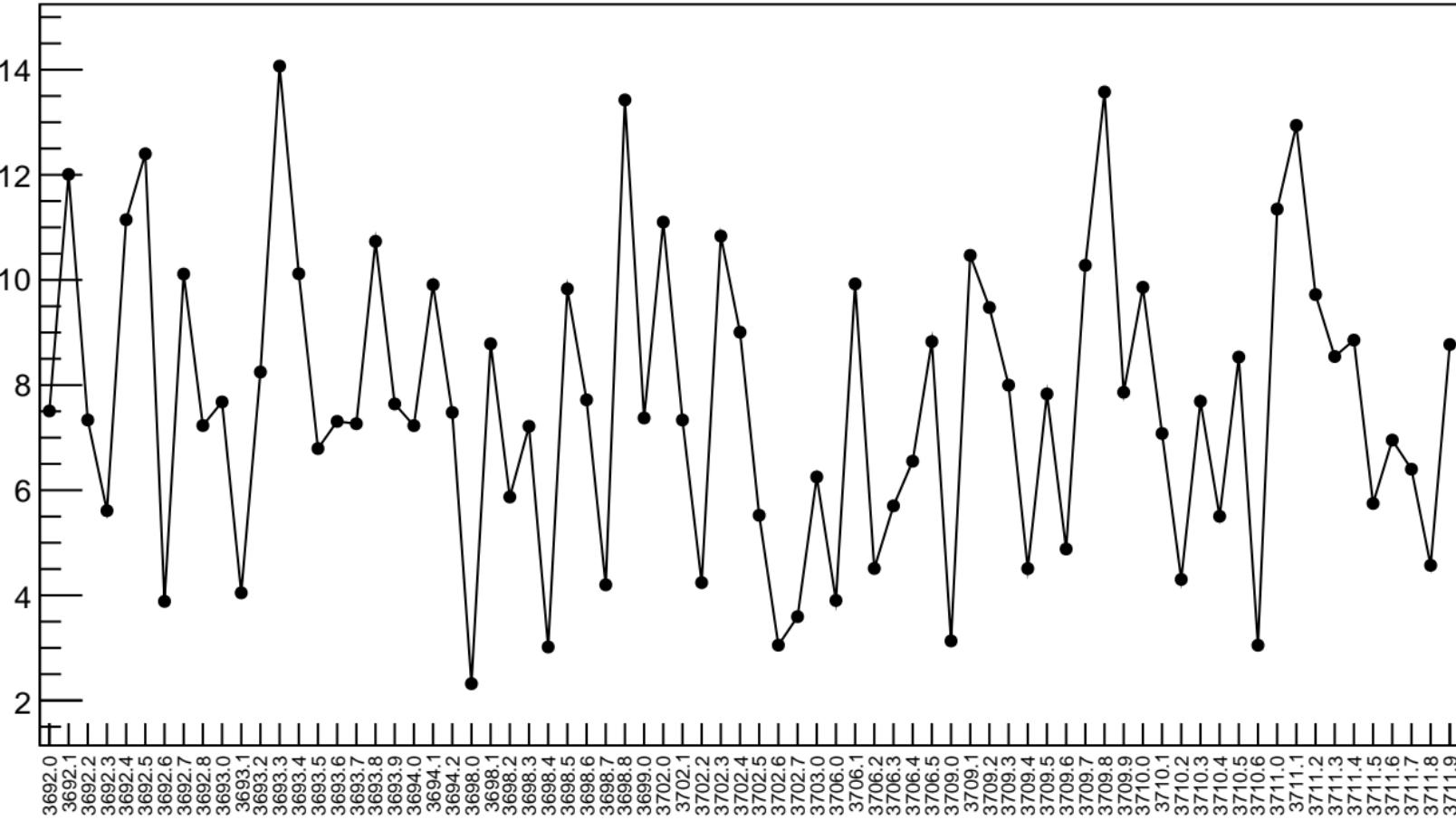


1D pull distribution

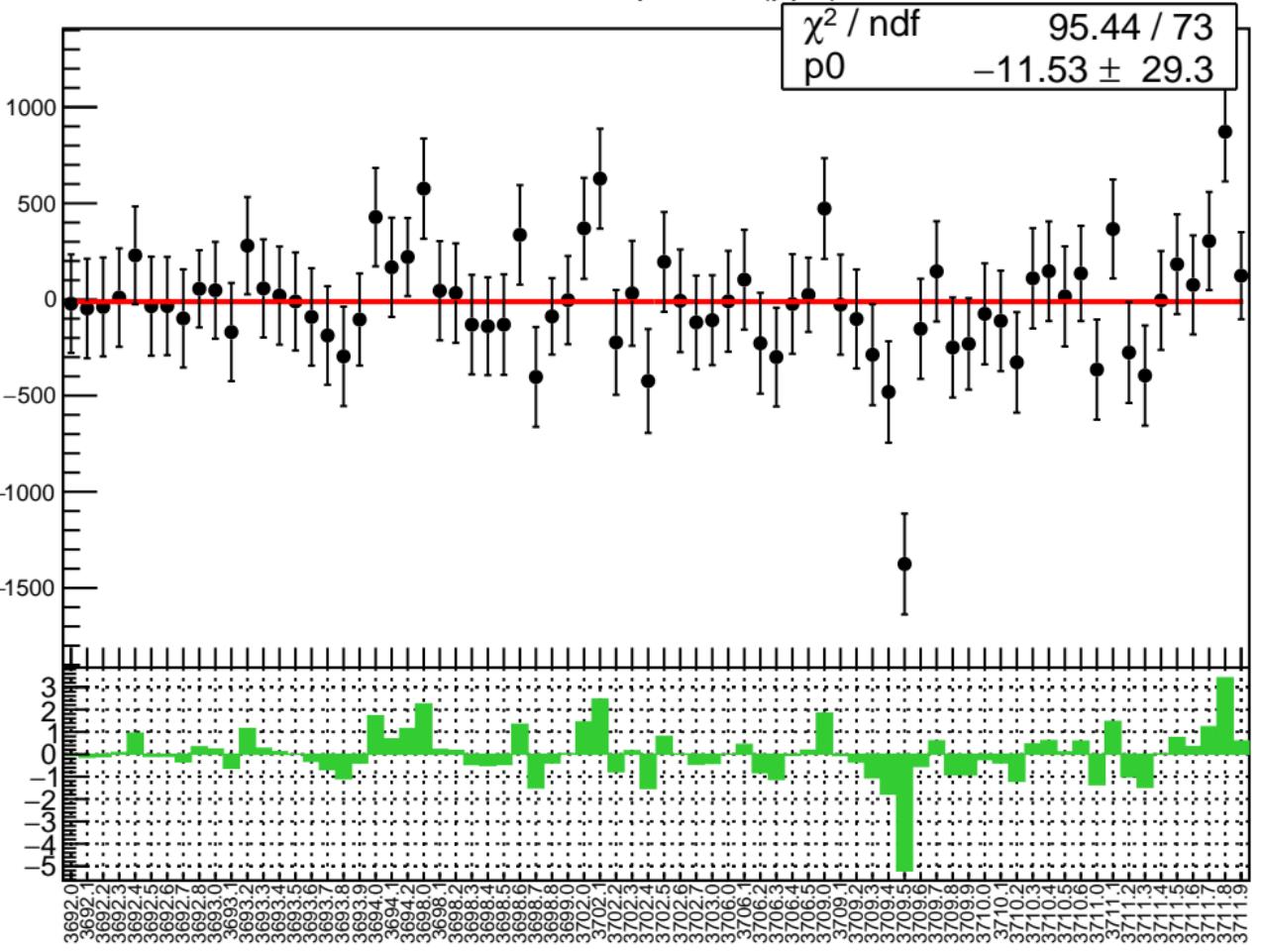


corr_us_dd_bpm16Y RMS (ppm)

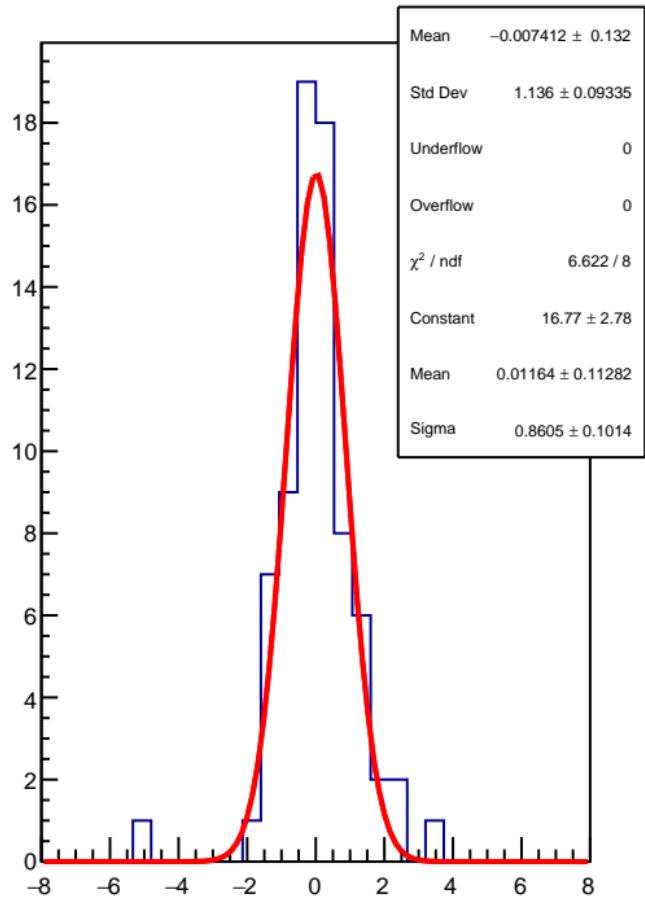
RMS (ppm)



corr_us_dd_bpm12X (ppb)



1D pull distribution



corr_us_dd_bpm12X RMS (ppm)

RMS (ppm)

50

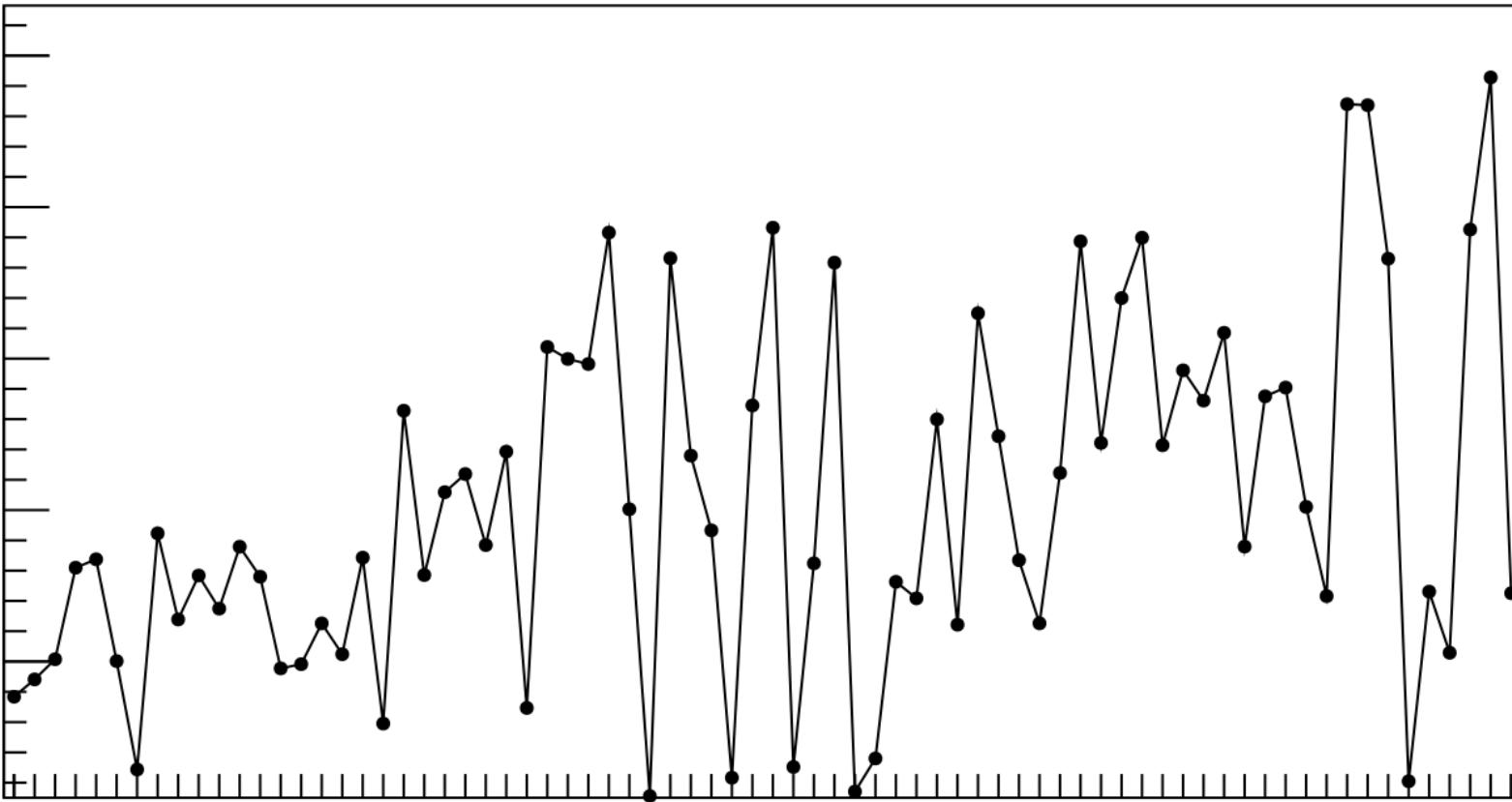
40

30

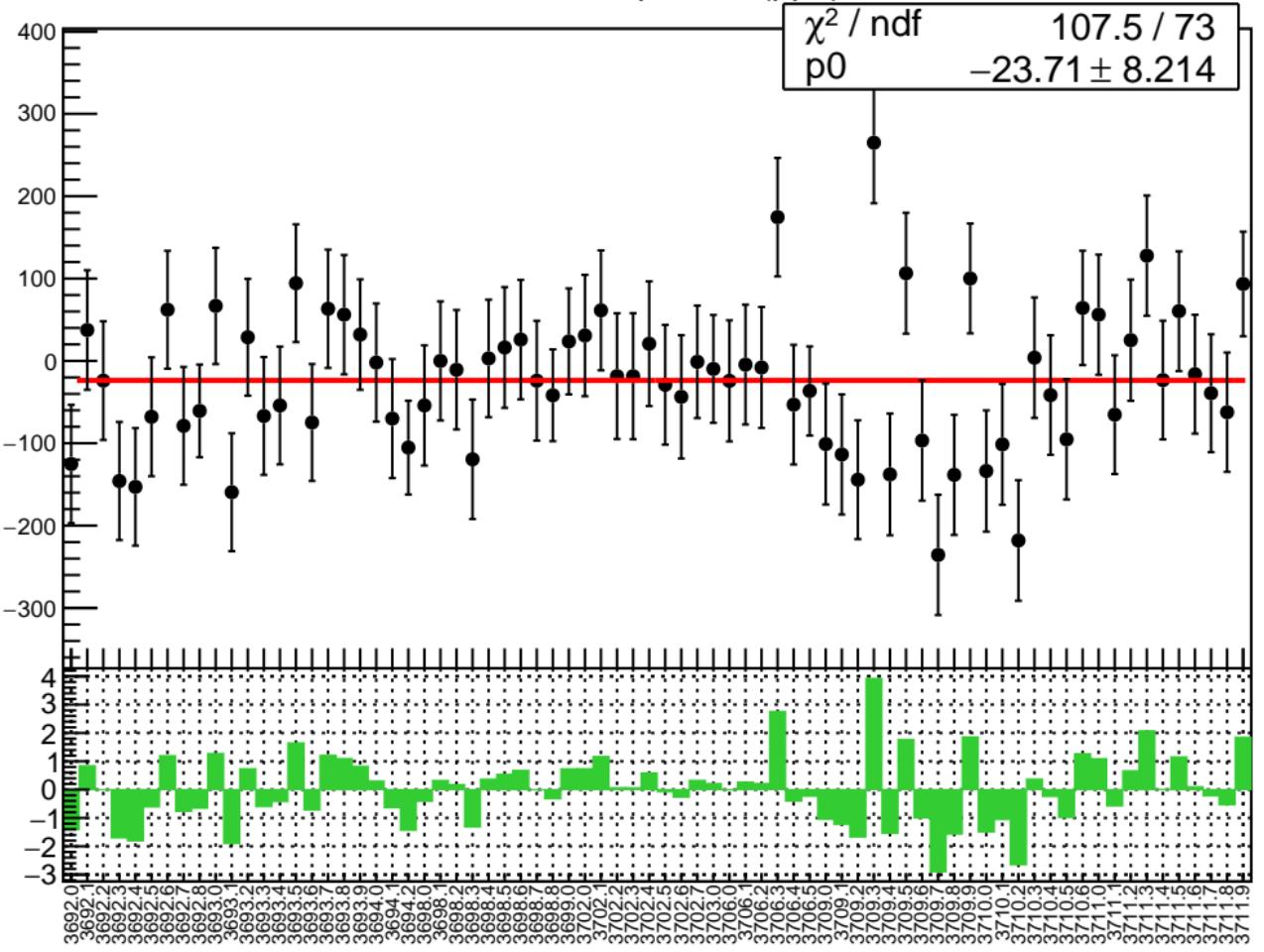
20

10

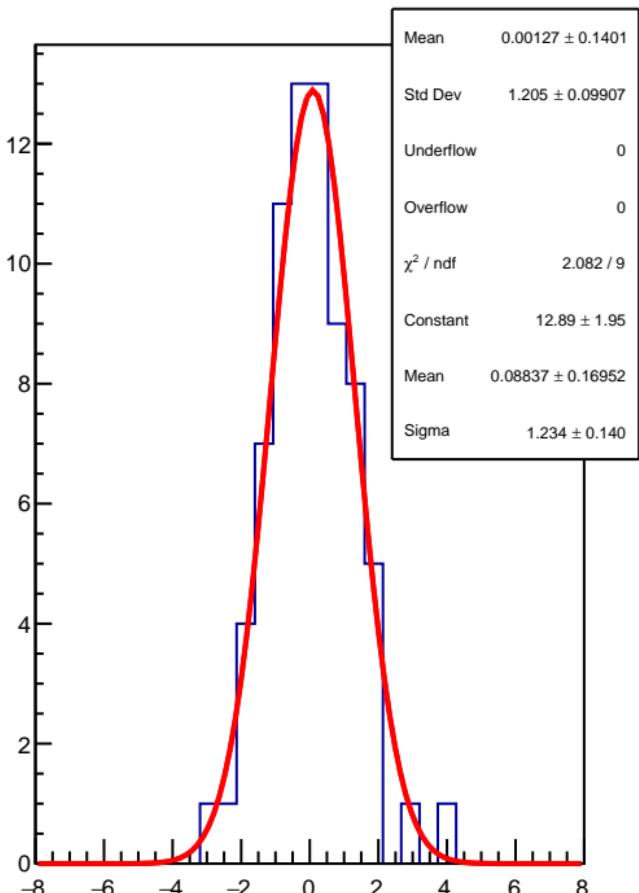
3692.0
3692.1
3692.2
3692.3
3692.4
3692.5
3692.6
3692.7
3692.8
3693.0
3693.1
3693.2
3693.3
3693.4
3693.5
3693.6
3693.7
3693.8
3693.9
3694.0
3694.1
3694.2
3694.3
3694.4
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3694.6
3694.7
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3695.0
3695.1
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3698.4
3698.5
3698.6
3698.7
3698.8
3698.9
3699.0
3702.0
3702.1
3702.2
3702.3
3702.4
3702.5
3702.6
3703.0
3706.0
3706.1
3706.2
3706.3
3706.4
3709.1
3709.2
3709.3
3709.4
3709.5
3709.6
3709.7
3709.8
3709.9
3710.0
3710.1
3710.2
3710.3
3710.4
3710.5
3710.6
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3711.2
3711.3
3711.4
3711.5
3711.6
3711.7
3711.8
3711.9



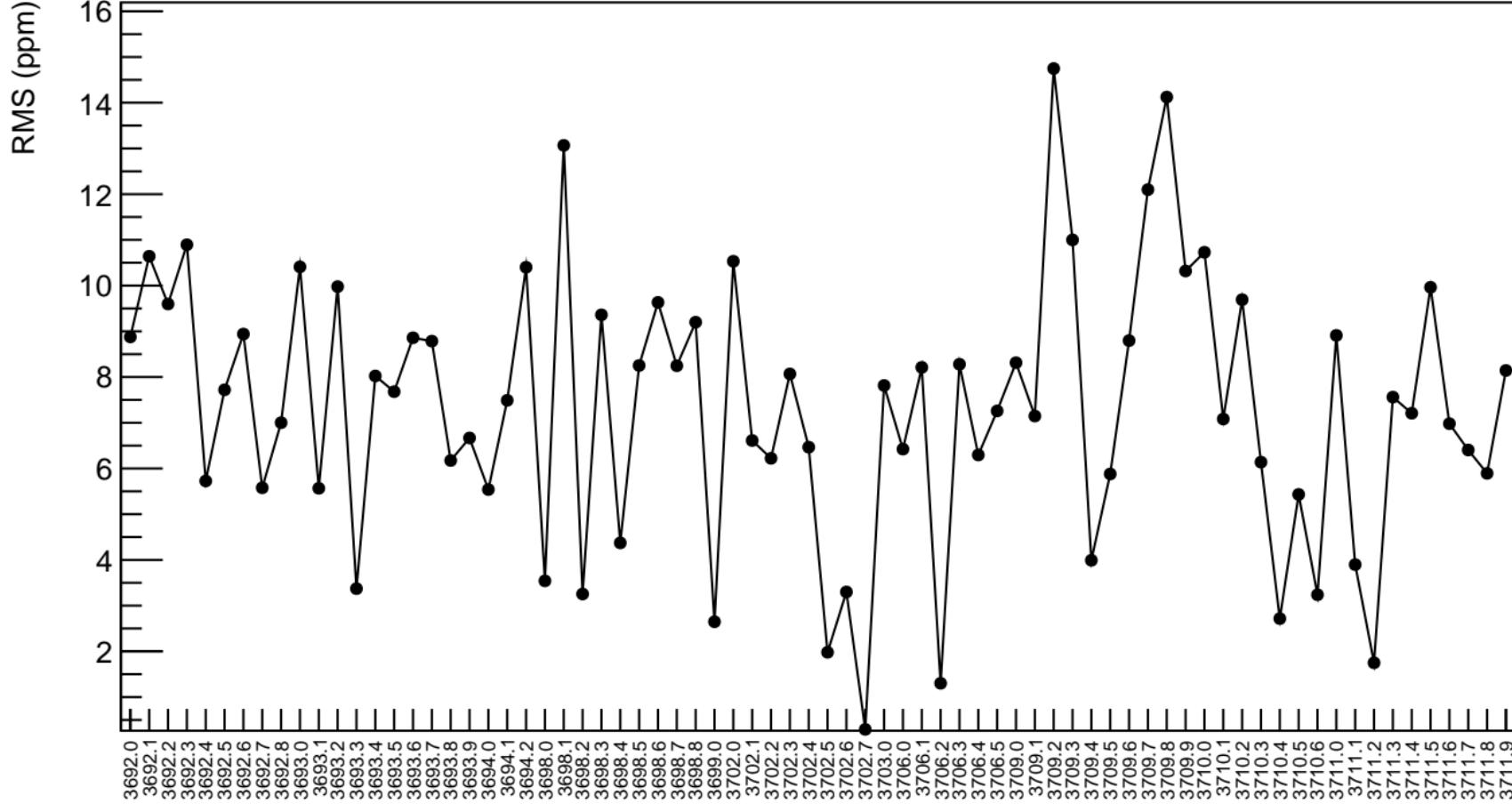
corr_us_dd_bpm12Y (ppb)



1D pull distribution

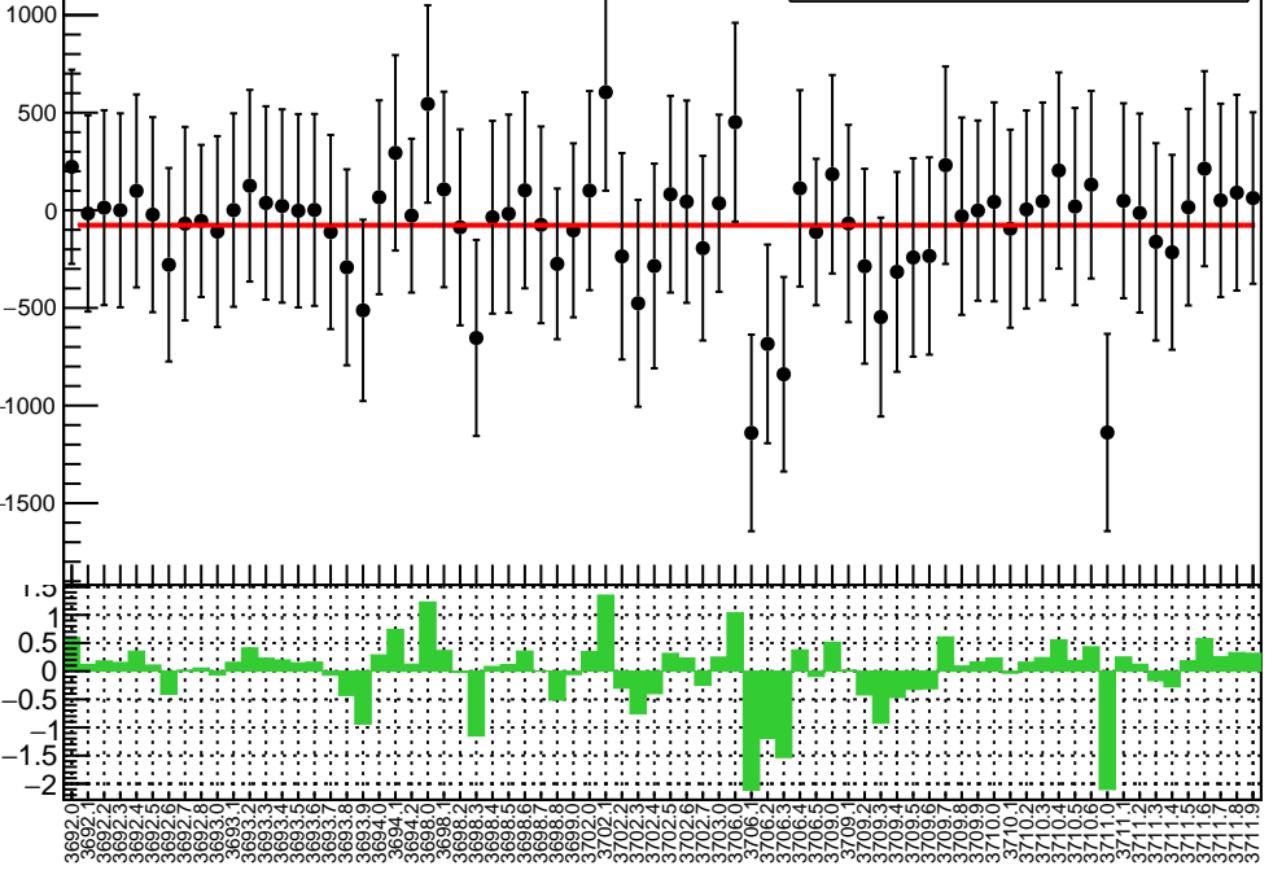


corr_us_dd_bpm12Y RMS (ppm)

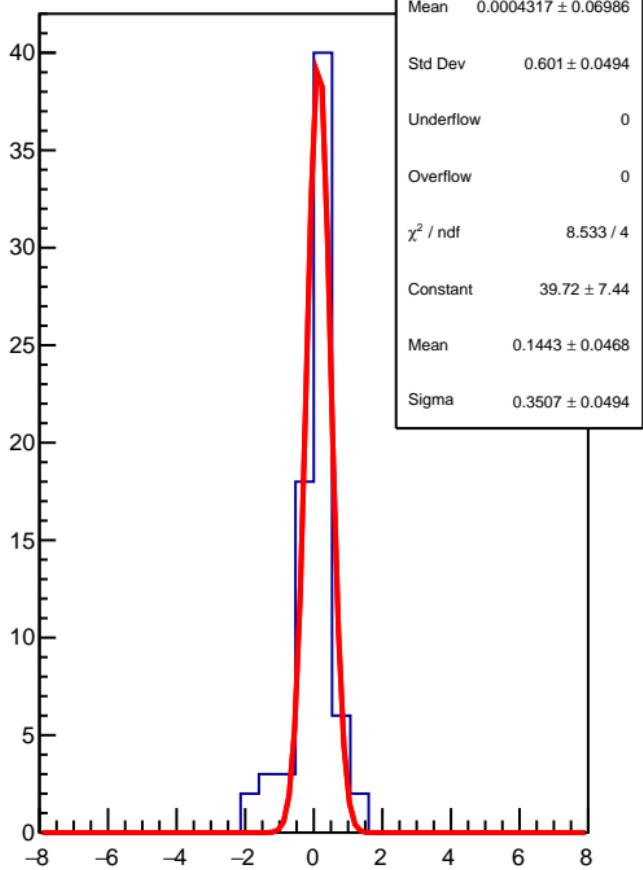


corr_us_dd_bpm11X (ppb)

χ^2 / ndf 26.73 / 73
p0 -76.41 ± 56.88

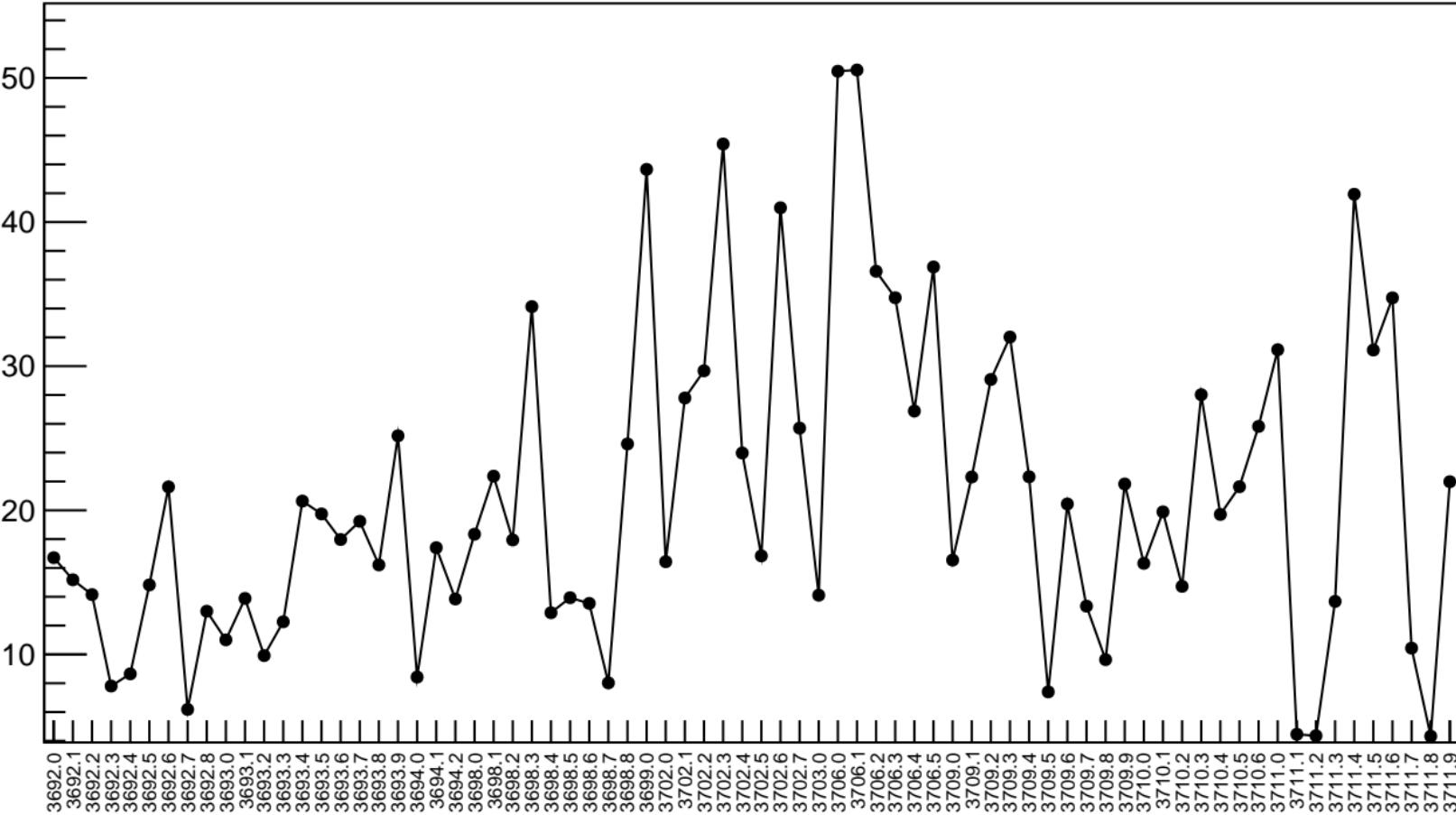


1D pull distribution



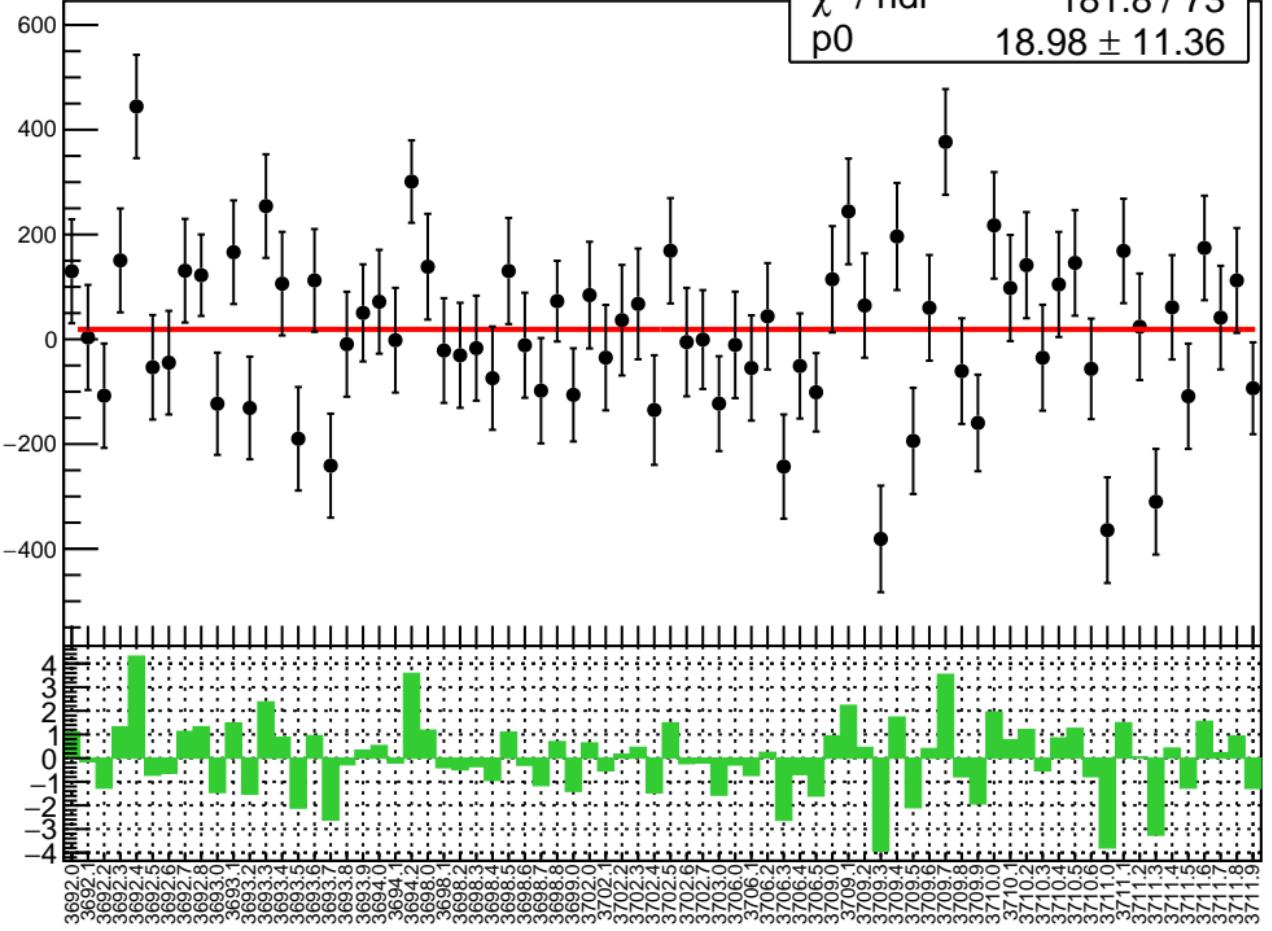
corr_us_dd_bpm11X RMS (ppm)

RMS (ppm)

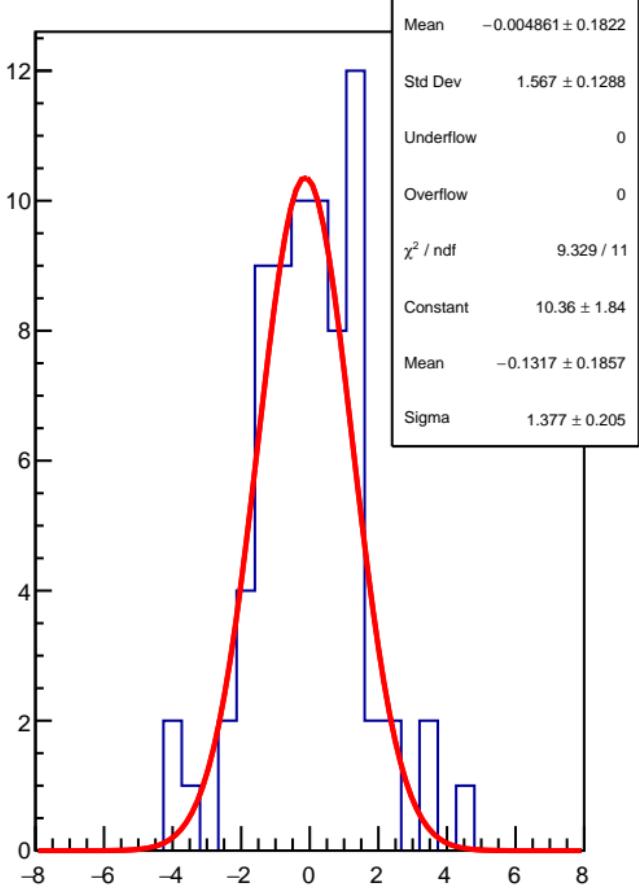


corr_us_dd_bpm11Y (ppb)

χ^2 / ndf 181.8 / 73
 p_0 18.98 ± 11.36

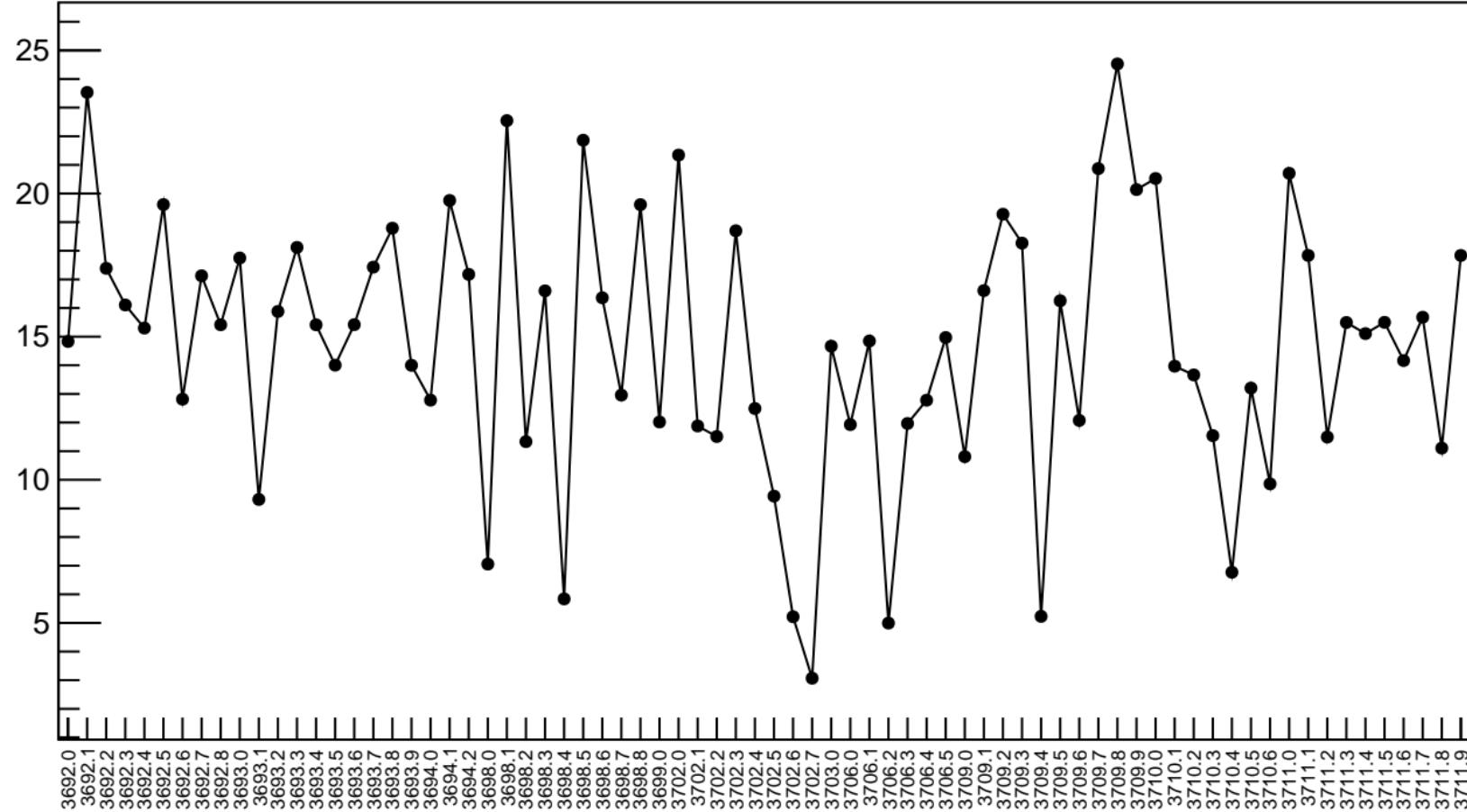


1D pull distribution

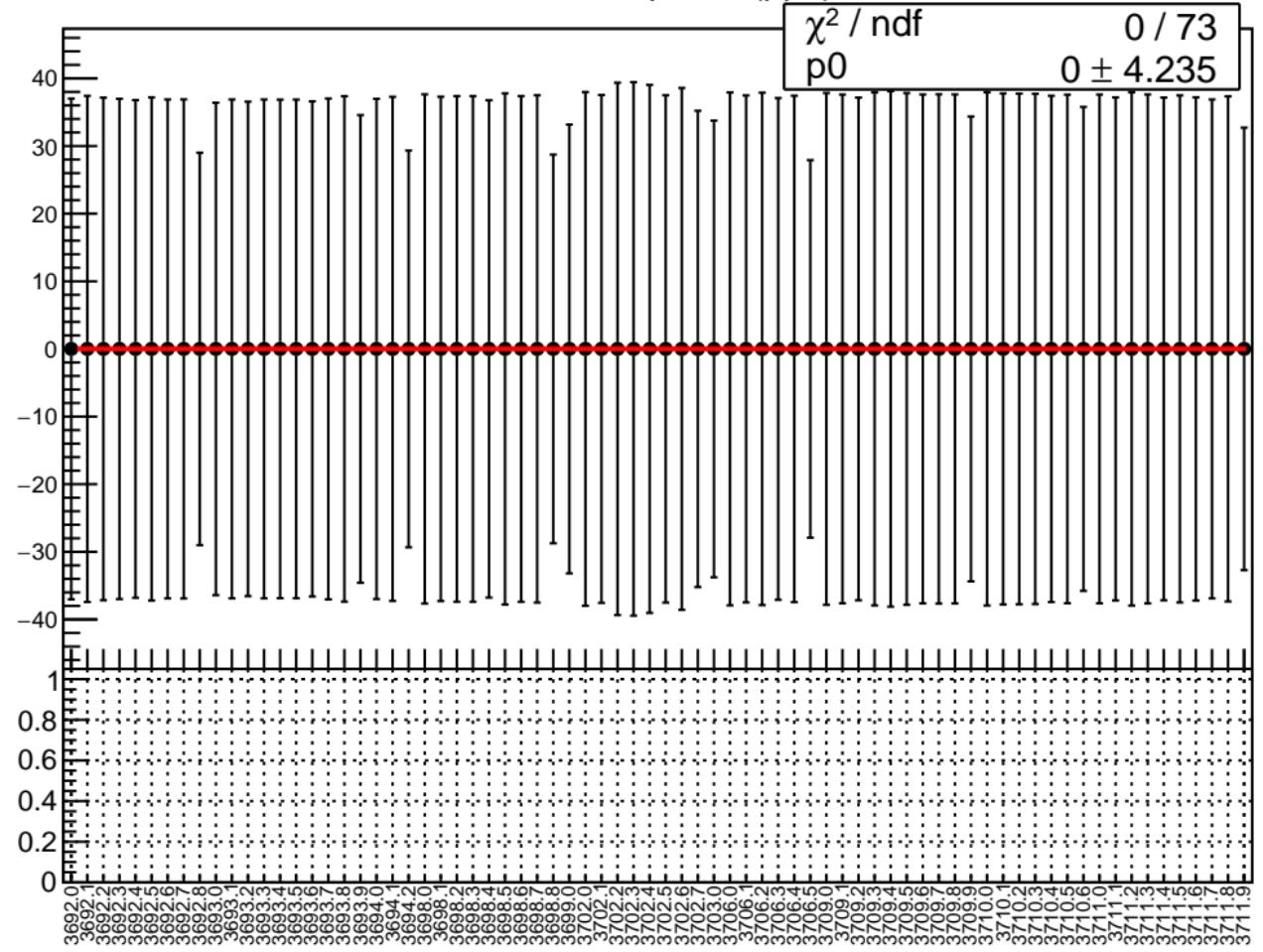


corr_us_dd_bpm11Y RMS (ppm)

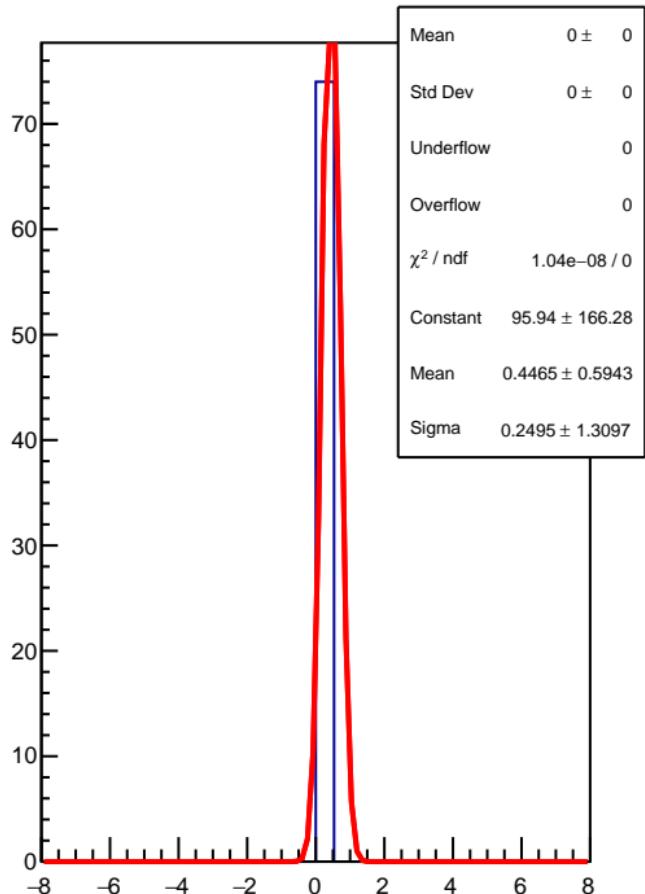
RMS (ppm)



corr_us_dd_bpm8X (ppb)

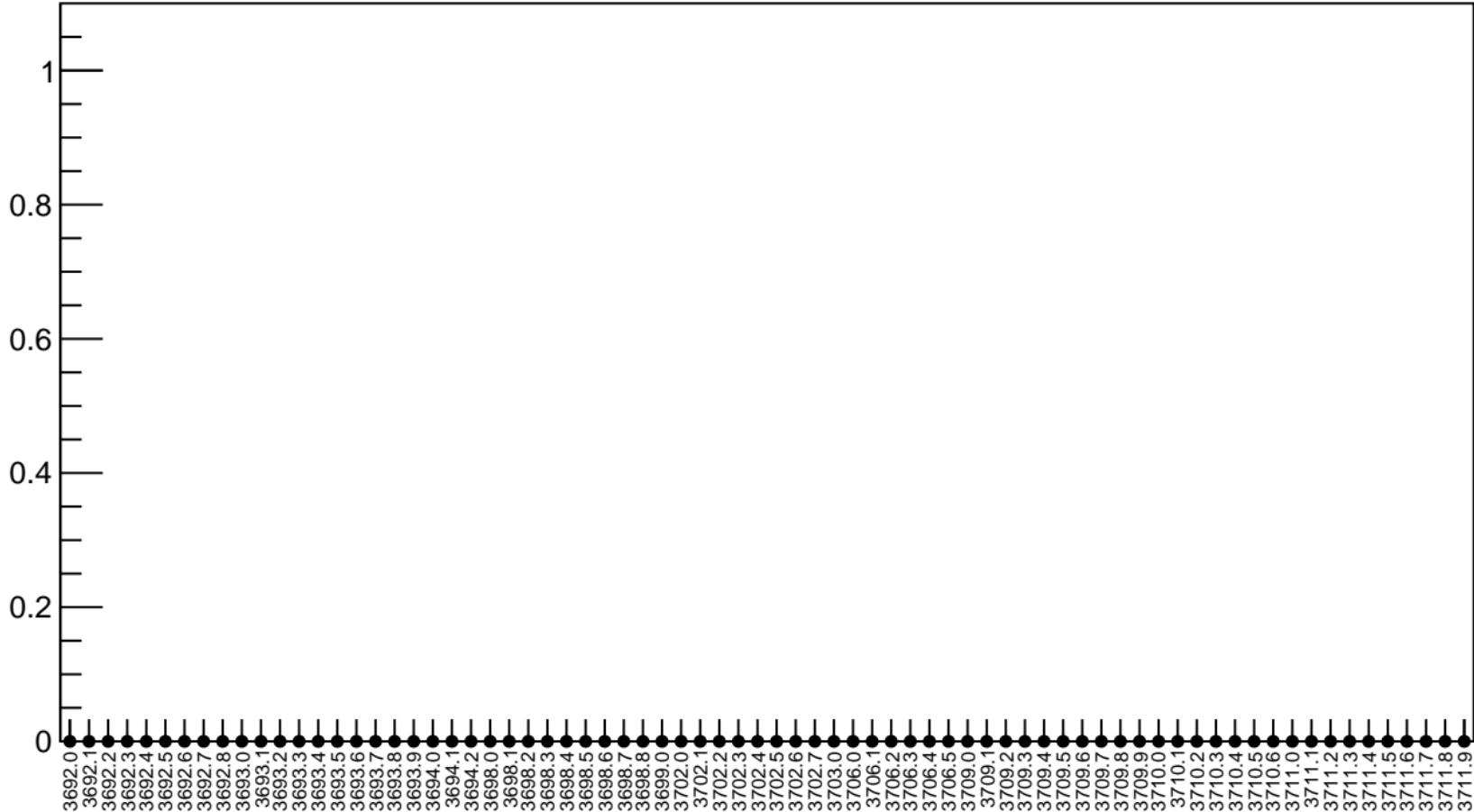


1D pull distribution

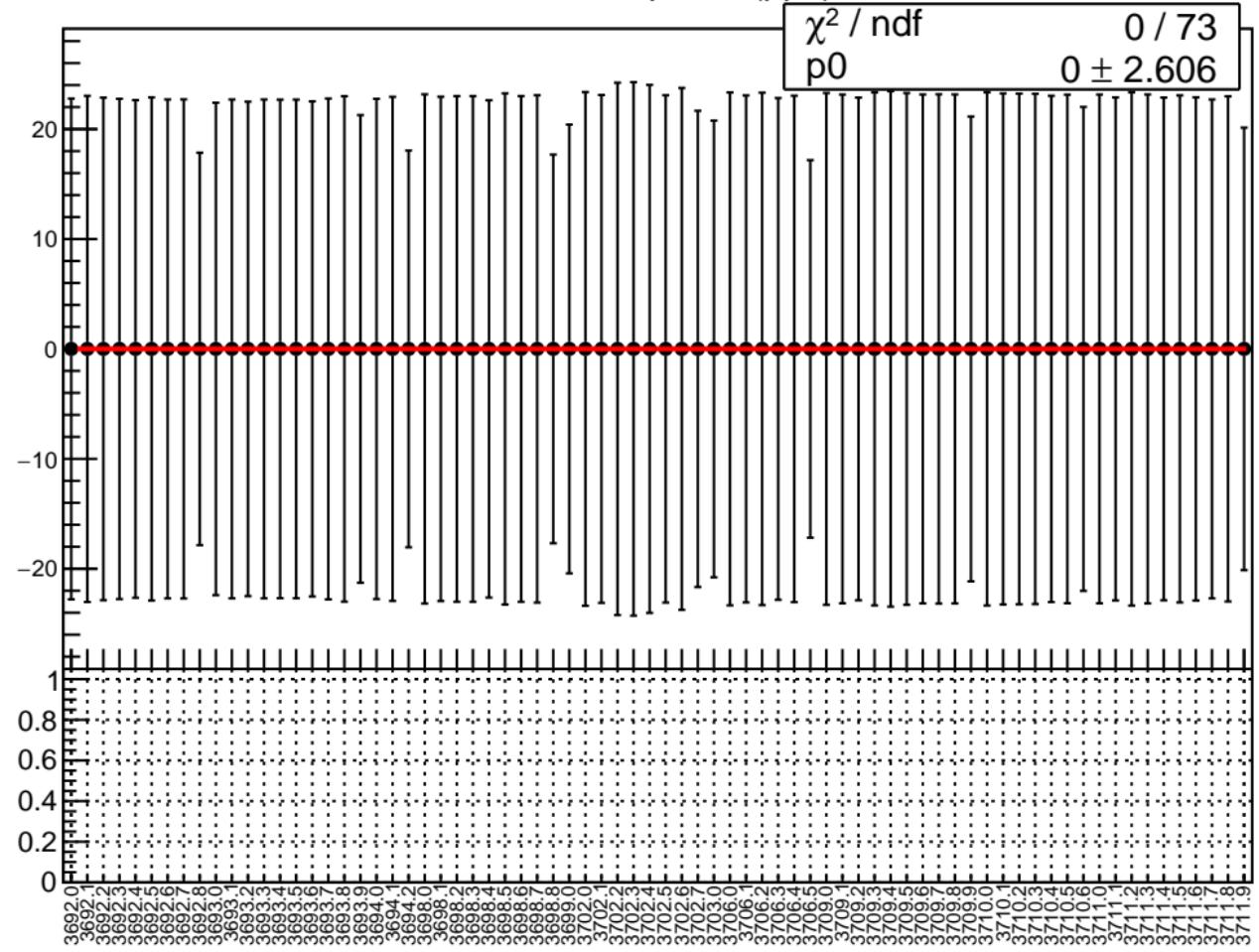


corr_us_dd_bpm8X RMS (ppm)

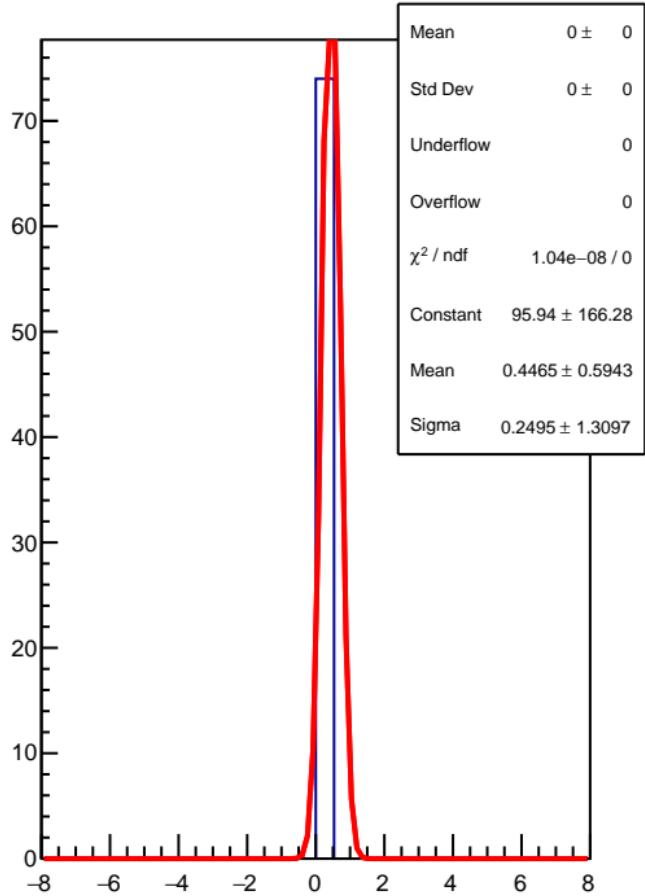
RMS (ppm)



corr_us_dd_bpm8Y (ppb)

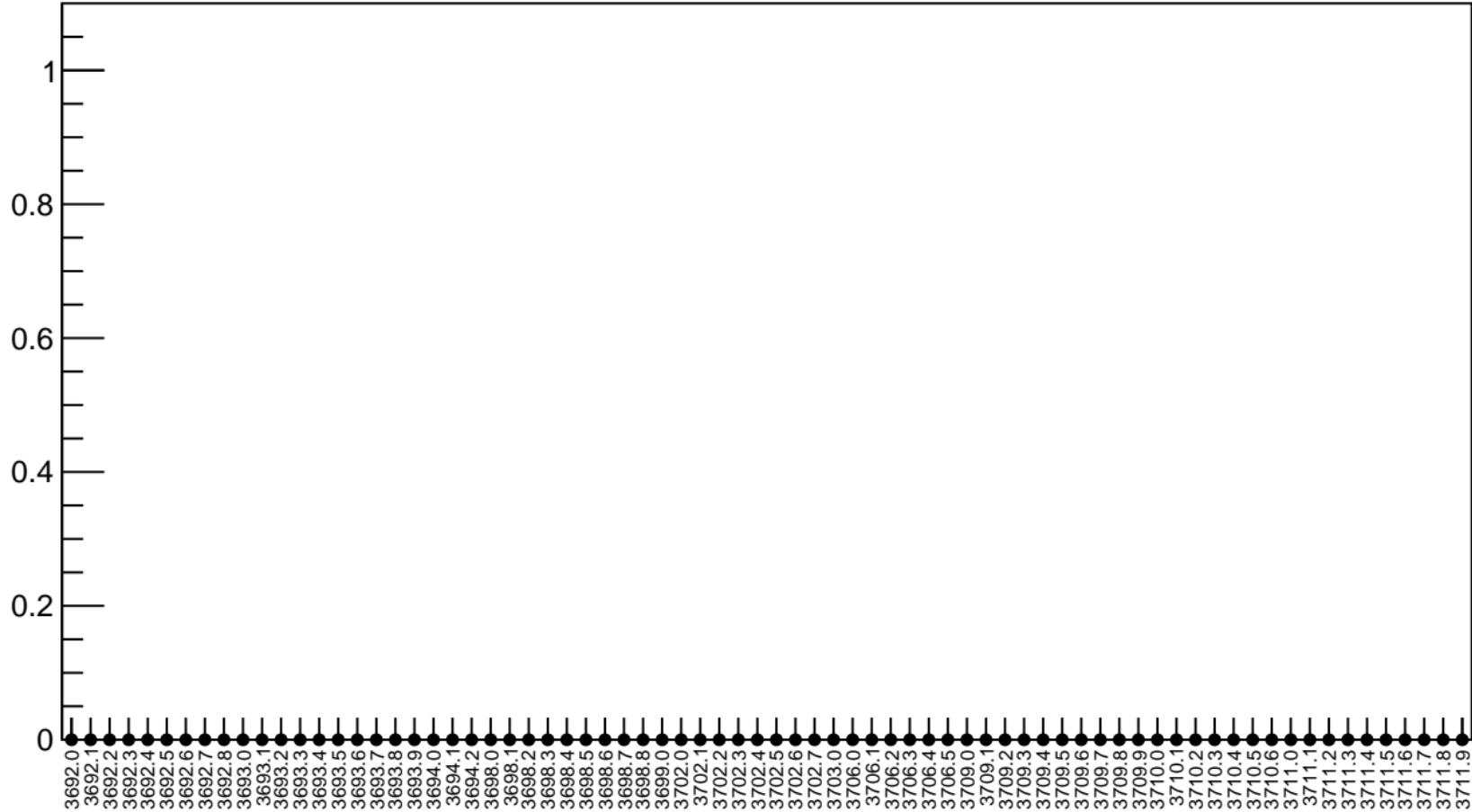


1D pull distribution

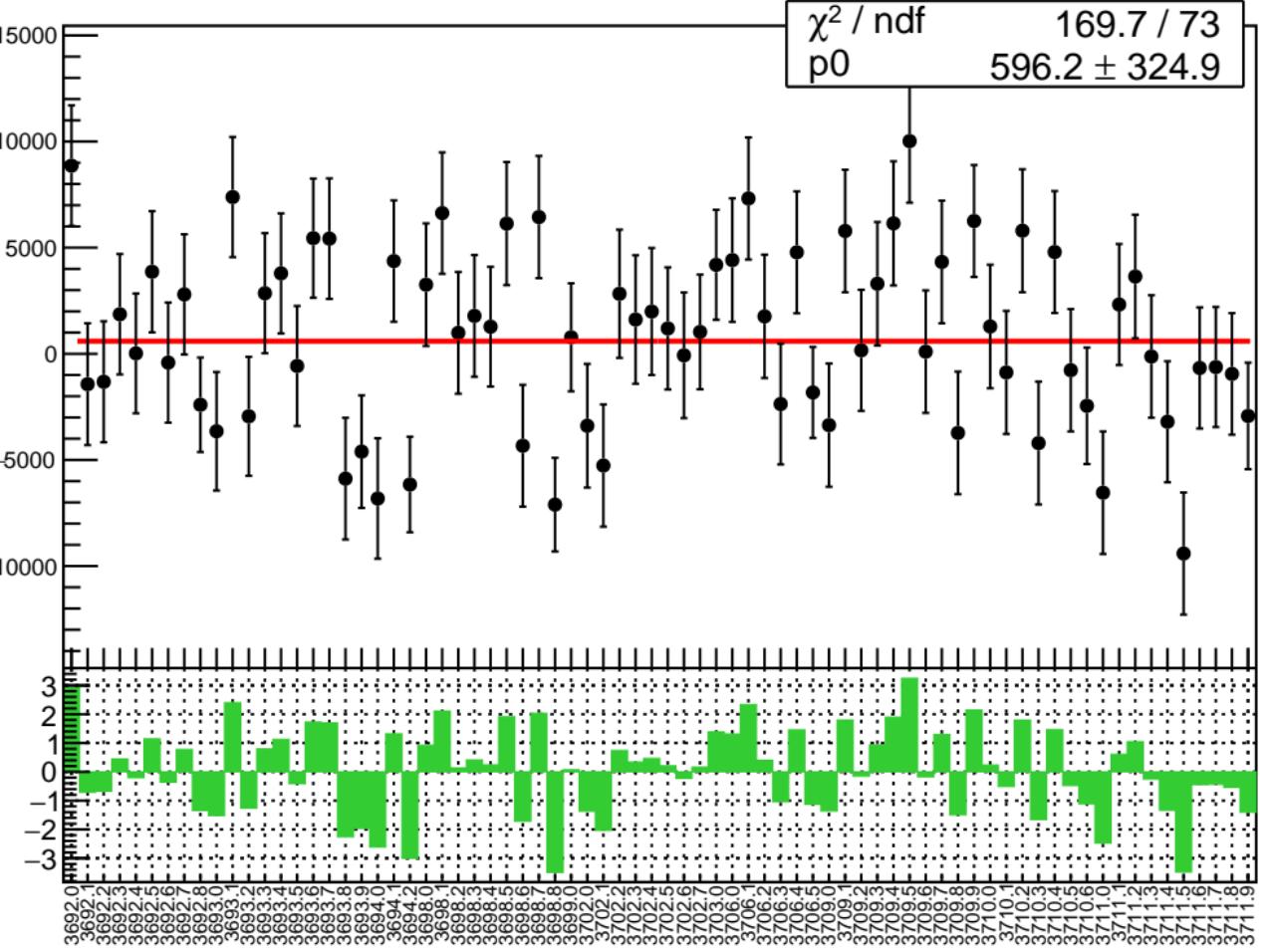


corr_us_dd_bpm8Y RMS (ppm)

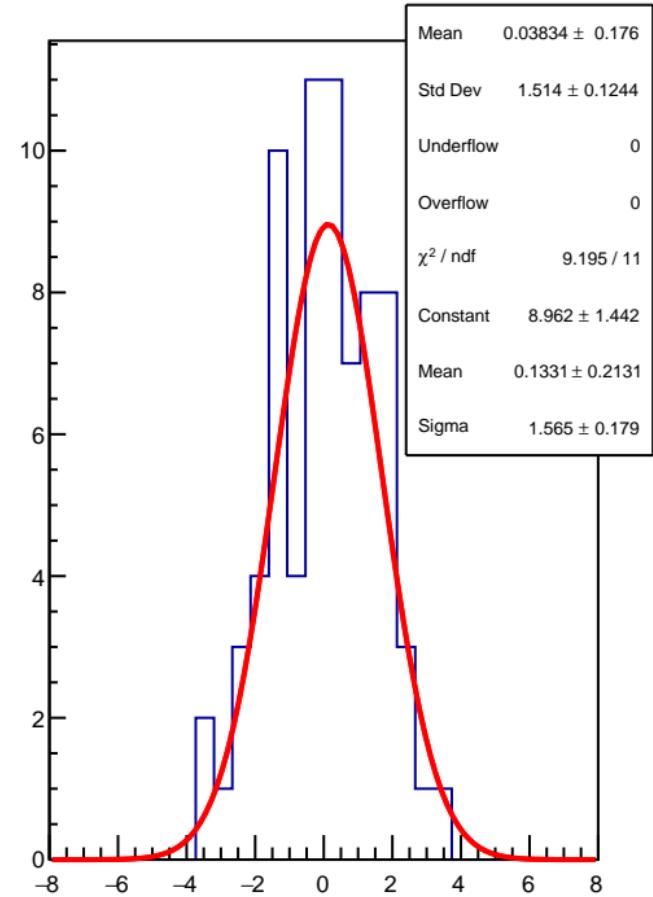
RMS (ppm)



corr_usl_bpm4eX (ppb)

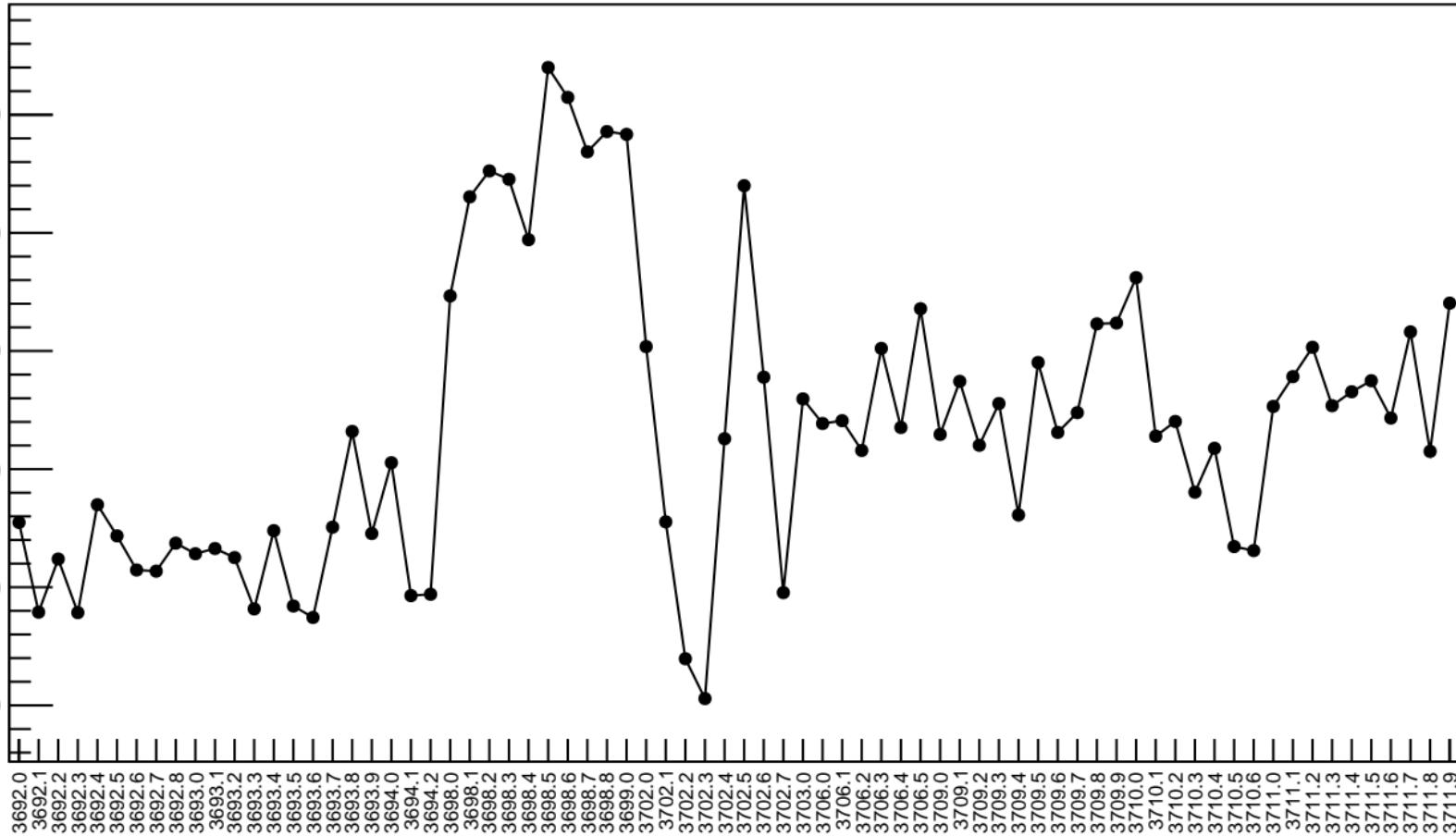


1D pull distribution



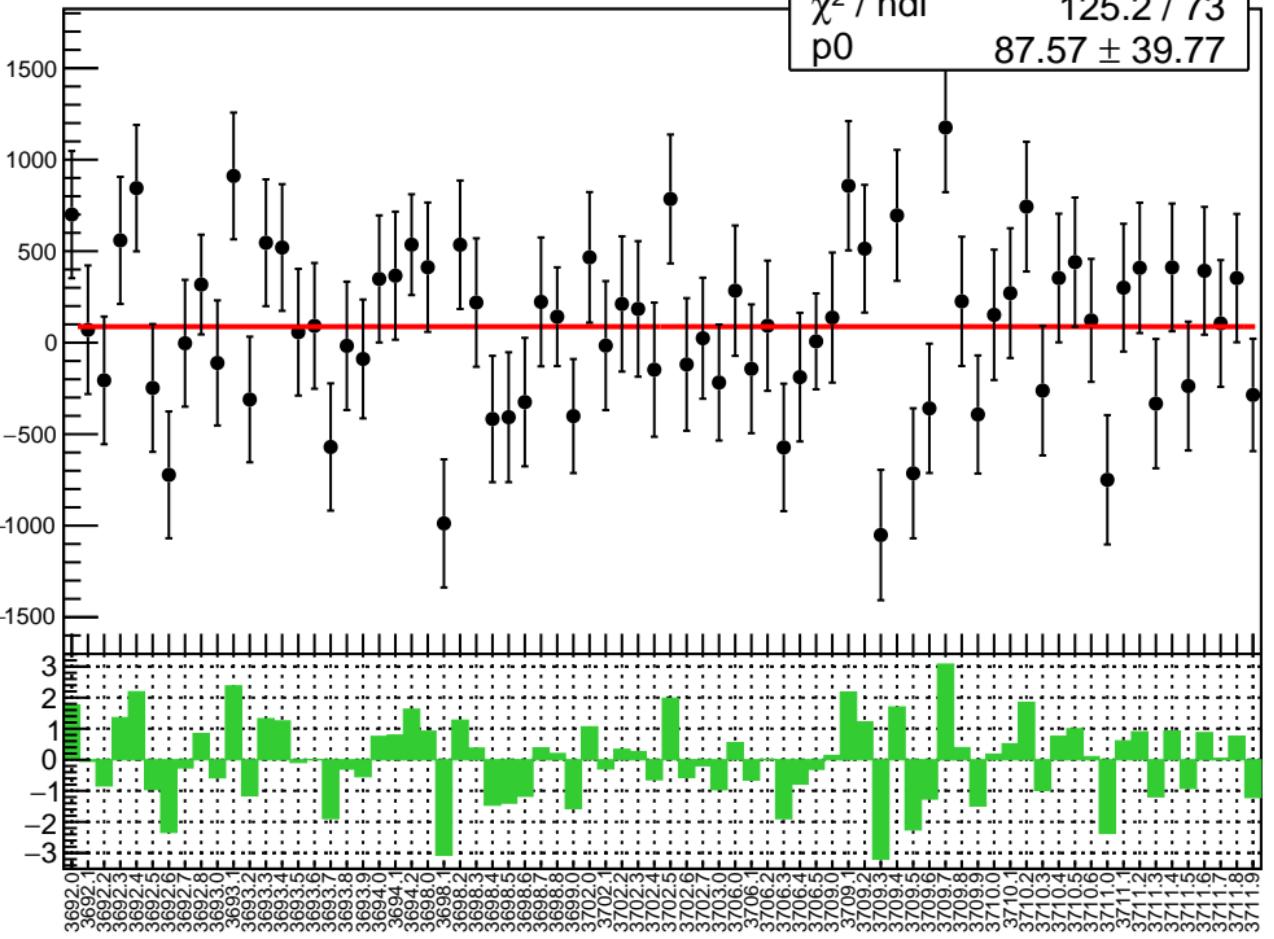
corr_usl_bpm4eX RMS (ppm)

RMS (ppm)

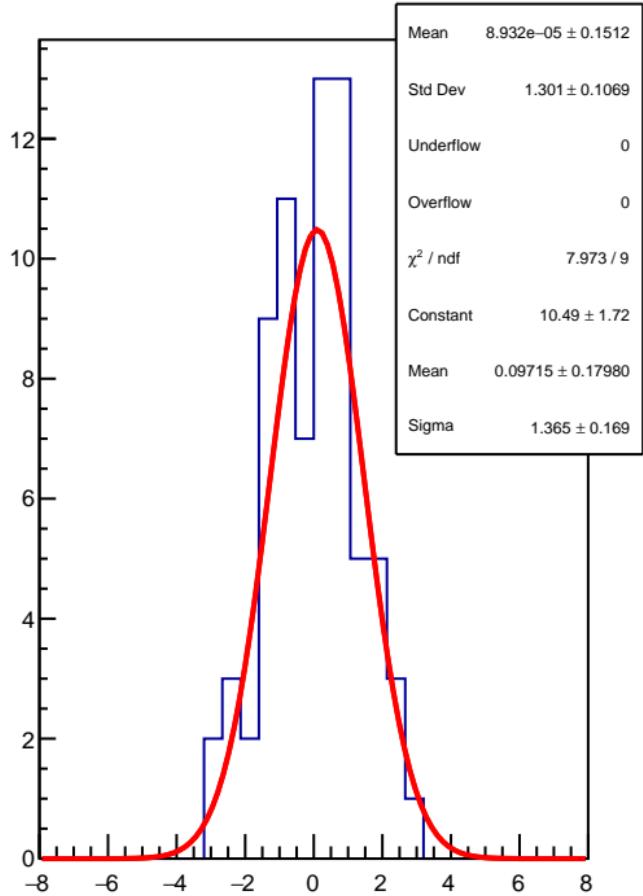


corr_usl_bpm4eY (ppb)

χ^2 / ndf 125.2 / 73
p0 87.57 ± 39.77

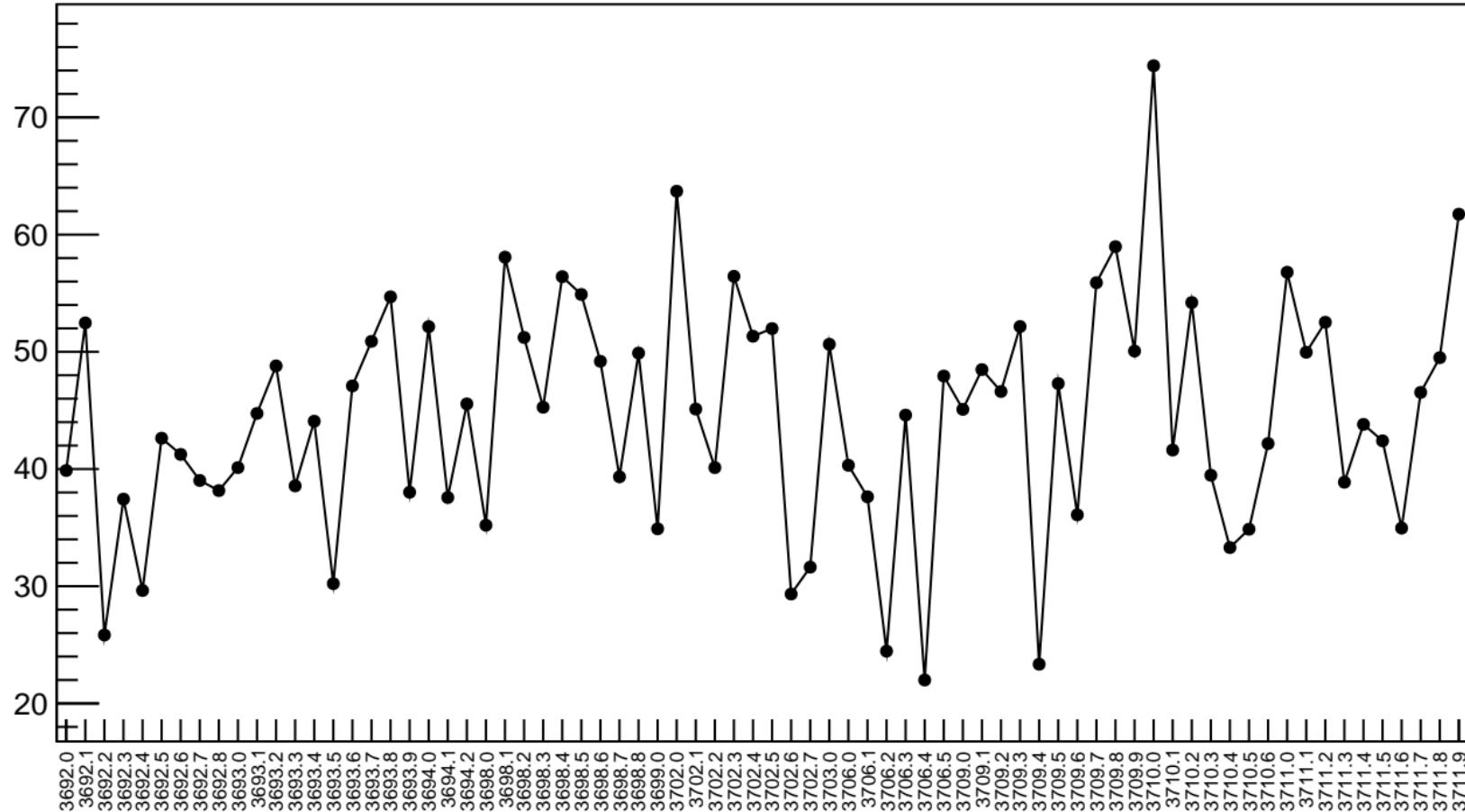


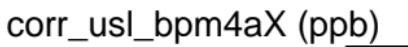
1D pull distribution



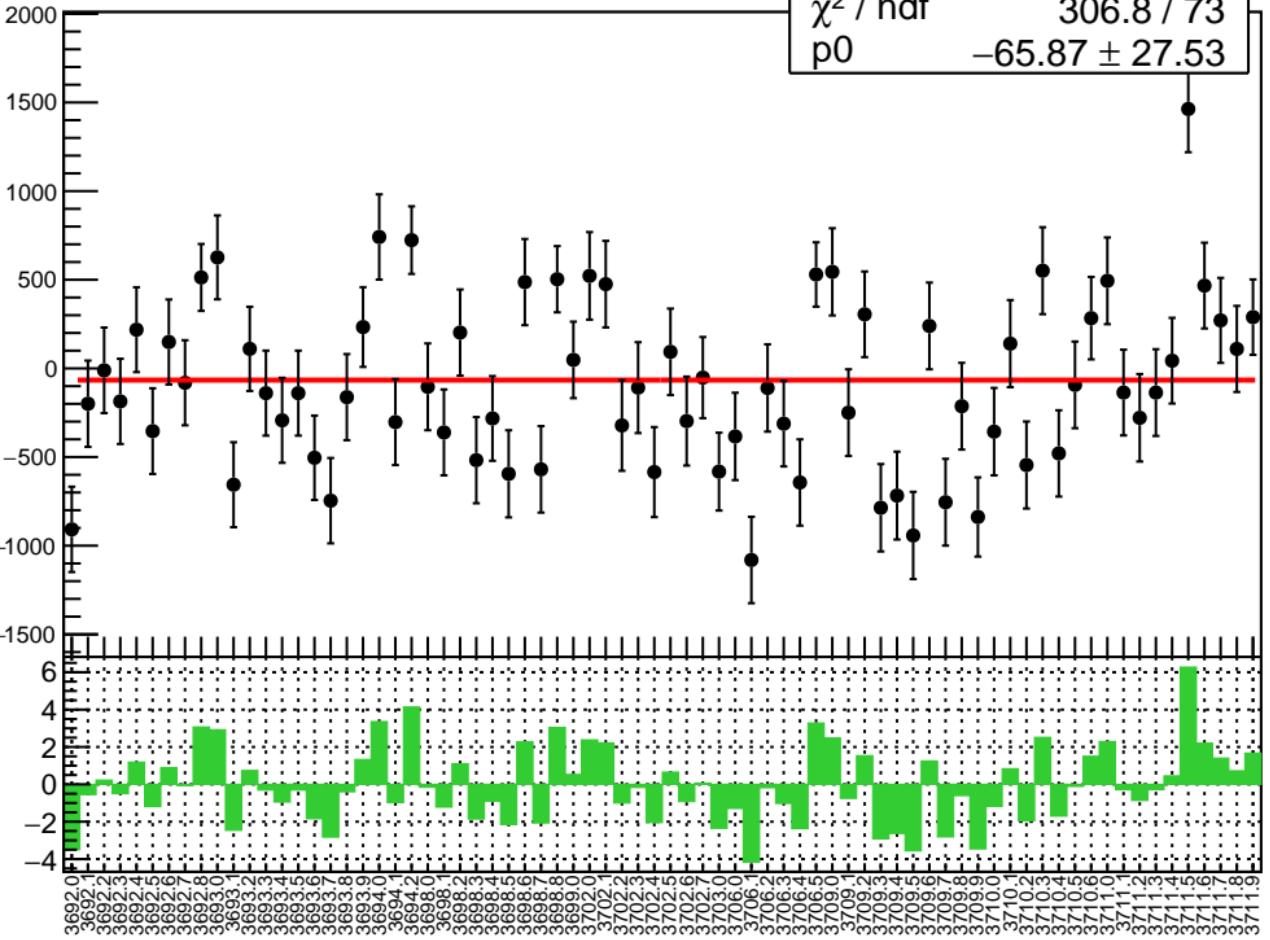
corr_usl_bpm4eY RMS (ppm)

RMS (ppm)





χ^2 / ndf 306.8 / 73
 p0 -65.87 ± 27.53

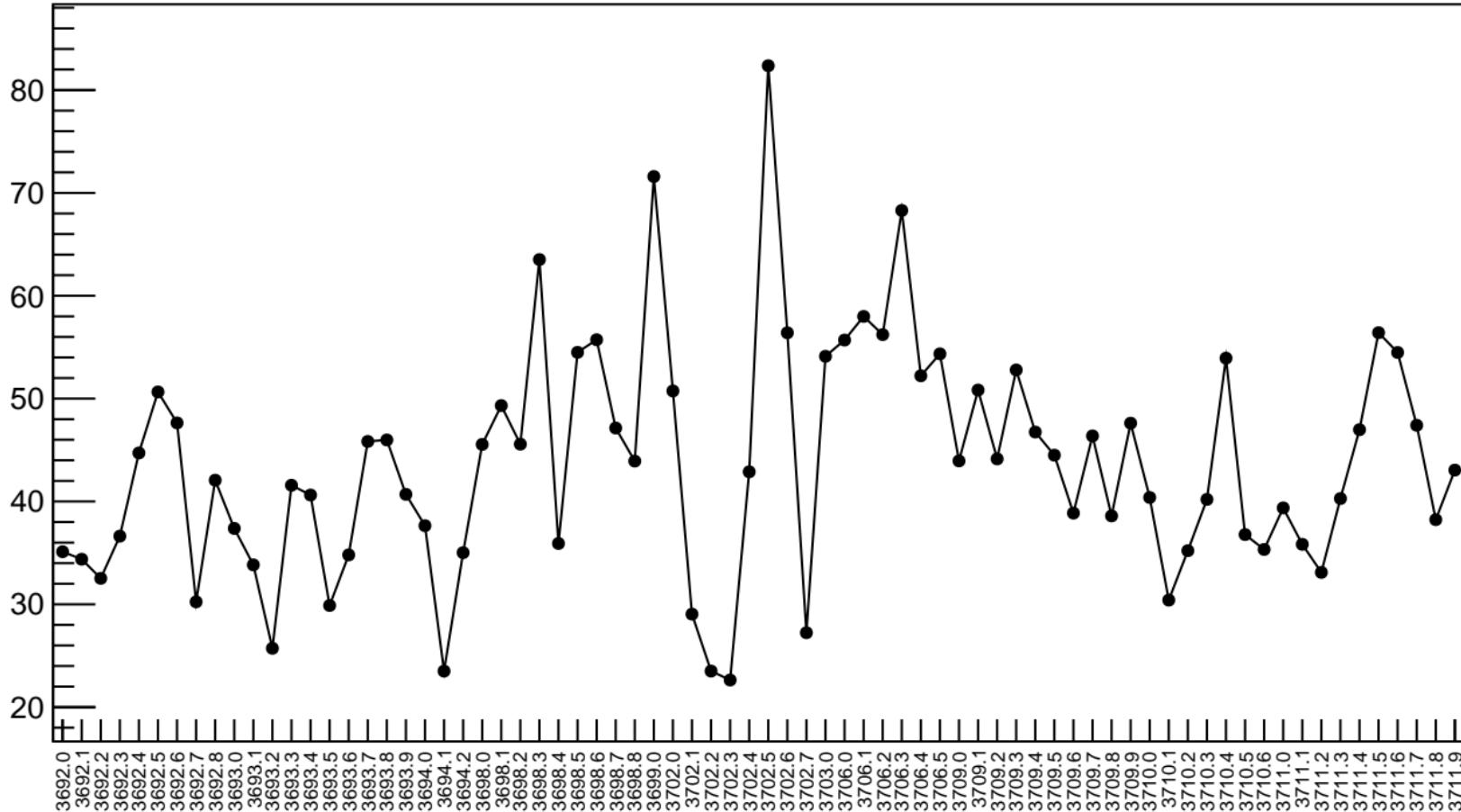


1D pull distribution

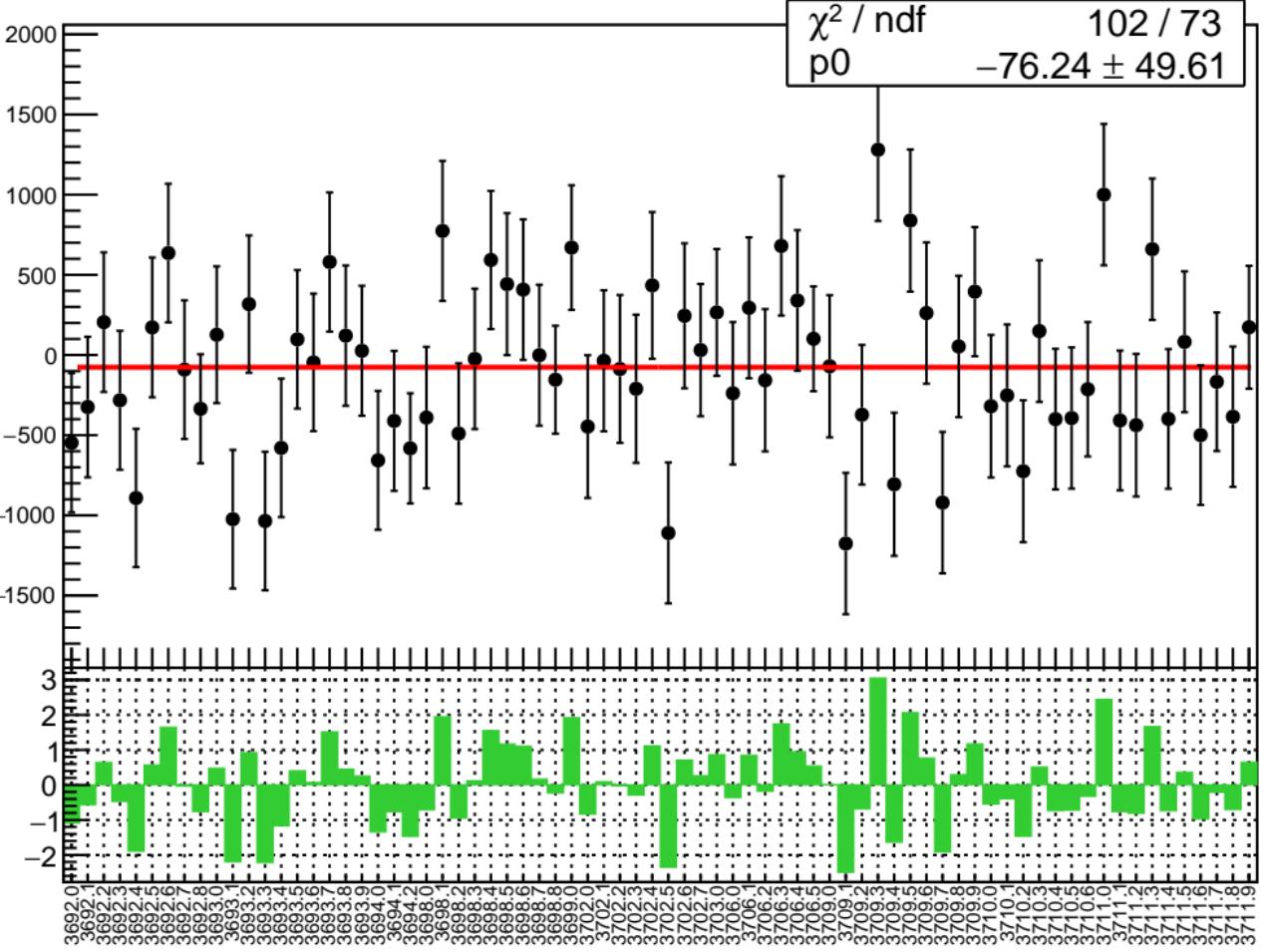
Mean	-0.05806 ± 0.2366
Std Dev	2.035 ± 0.1673
Underflow	0
Overflow	0
χ^2 / ndf	$17.3 / 14$
Constant	6.102 ± 1.260
Mean	-0.6105 ± 0.3180
Sigma	2.075 ± 0.410

corr_usl_bpm4aX RMS (ppm)

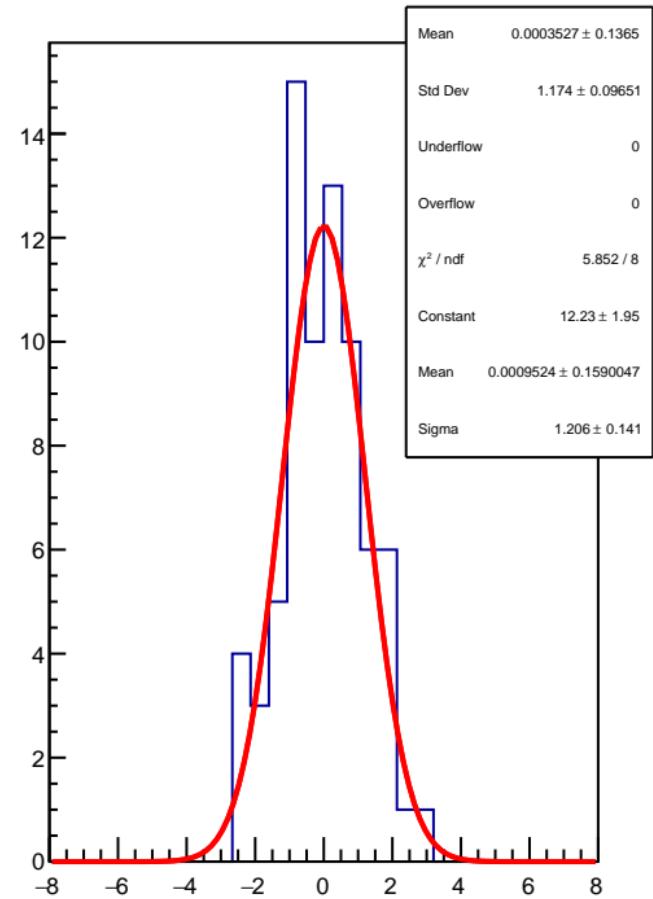
RMS (ppm)



corr_usl_bpm4aY (ppb)

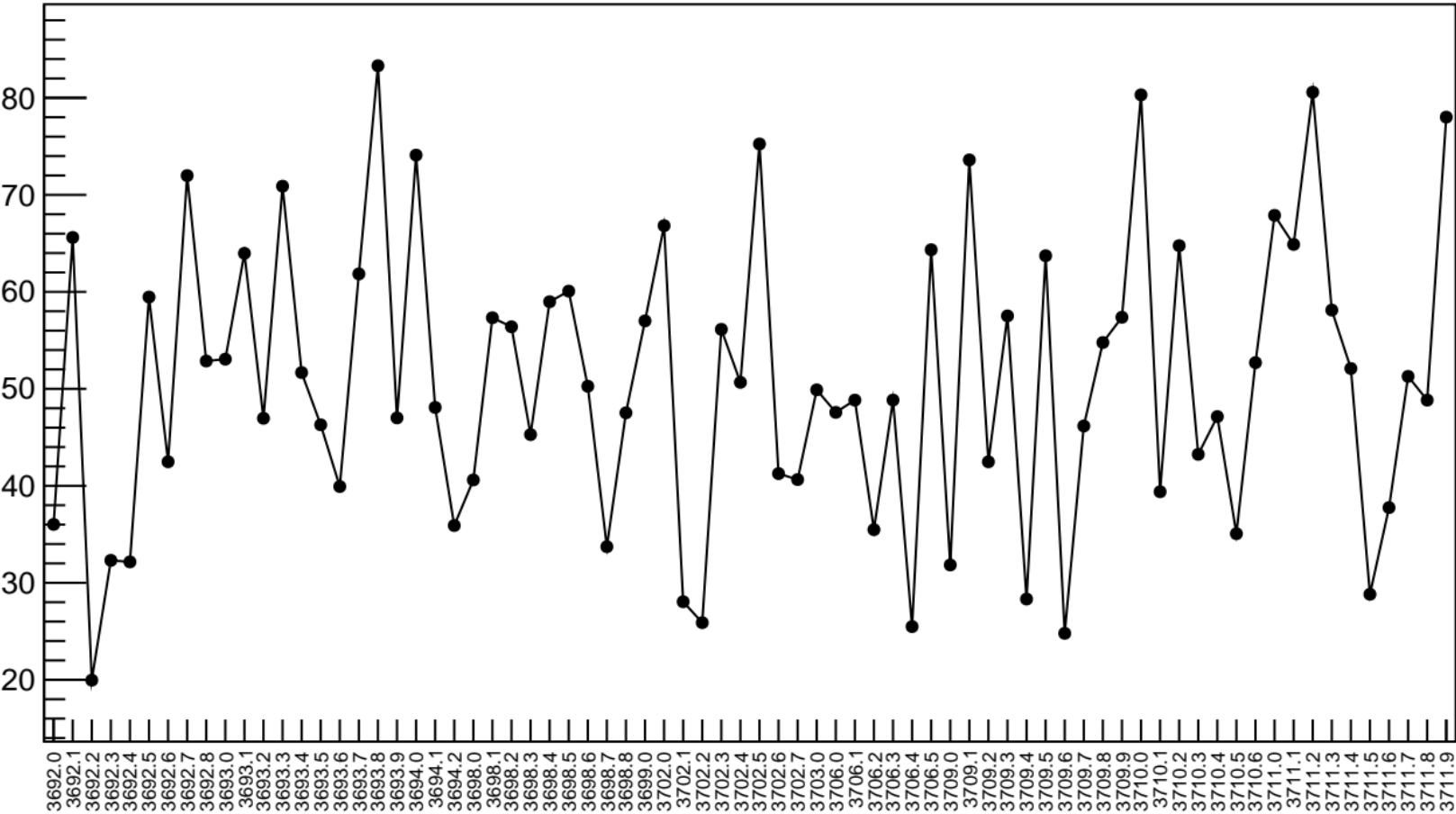


1D pull distribution

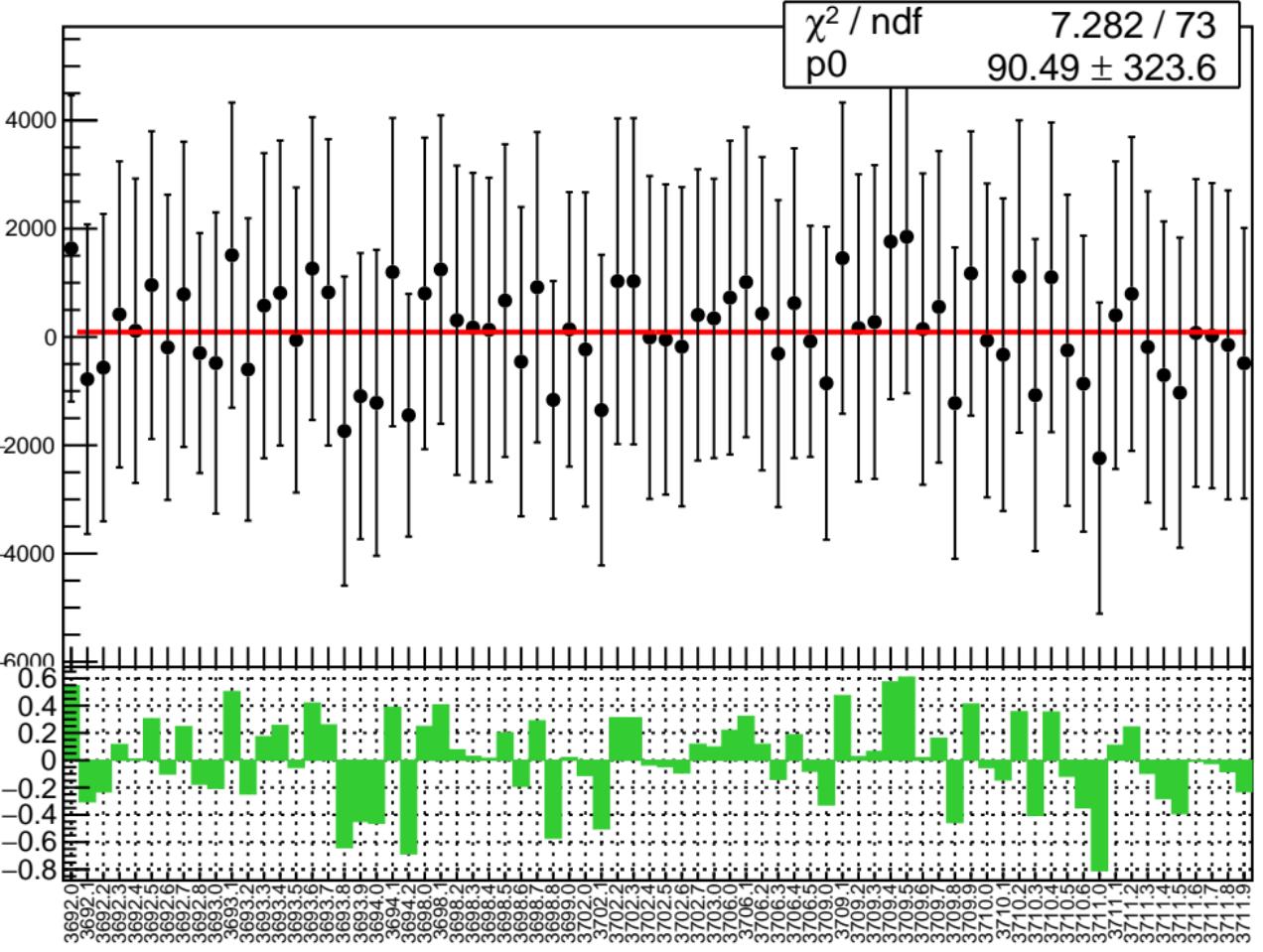


corr_usl_bpm4aY RMS (ppm)

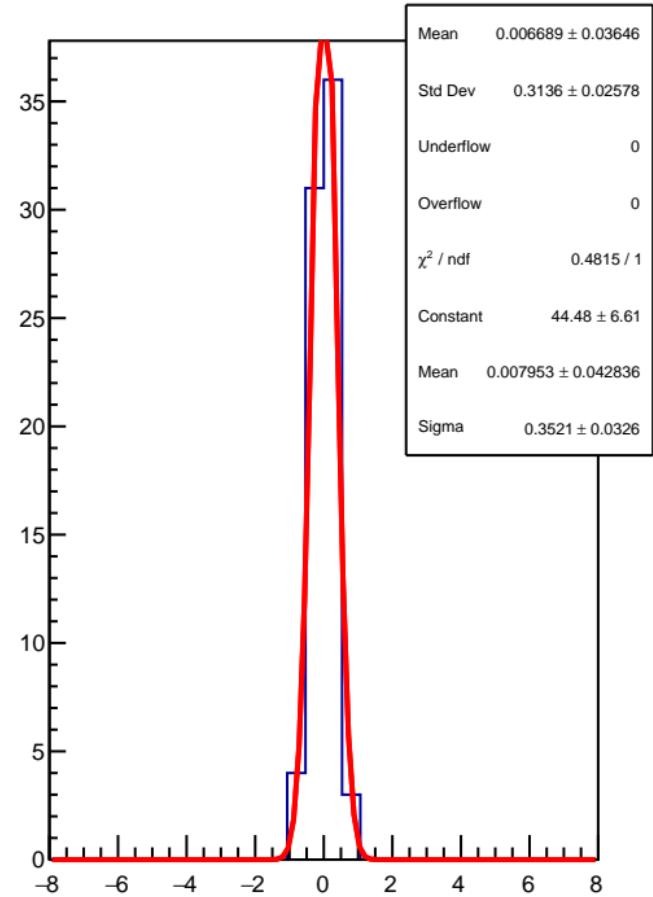
RMS (ppm)



corr_usl_bpm1X (ppb)



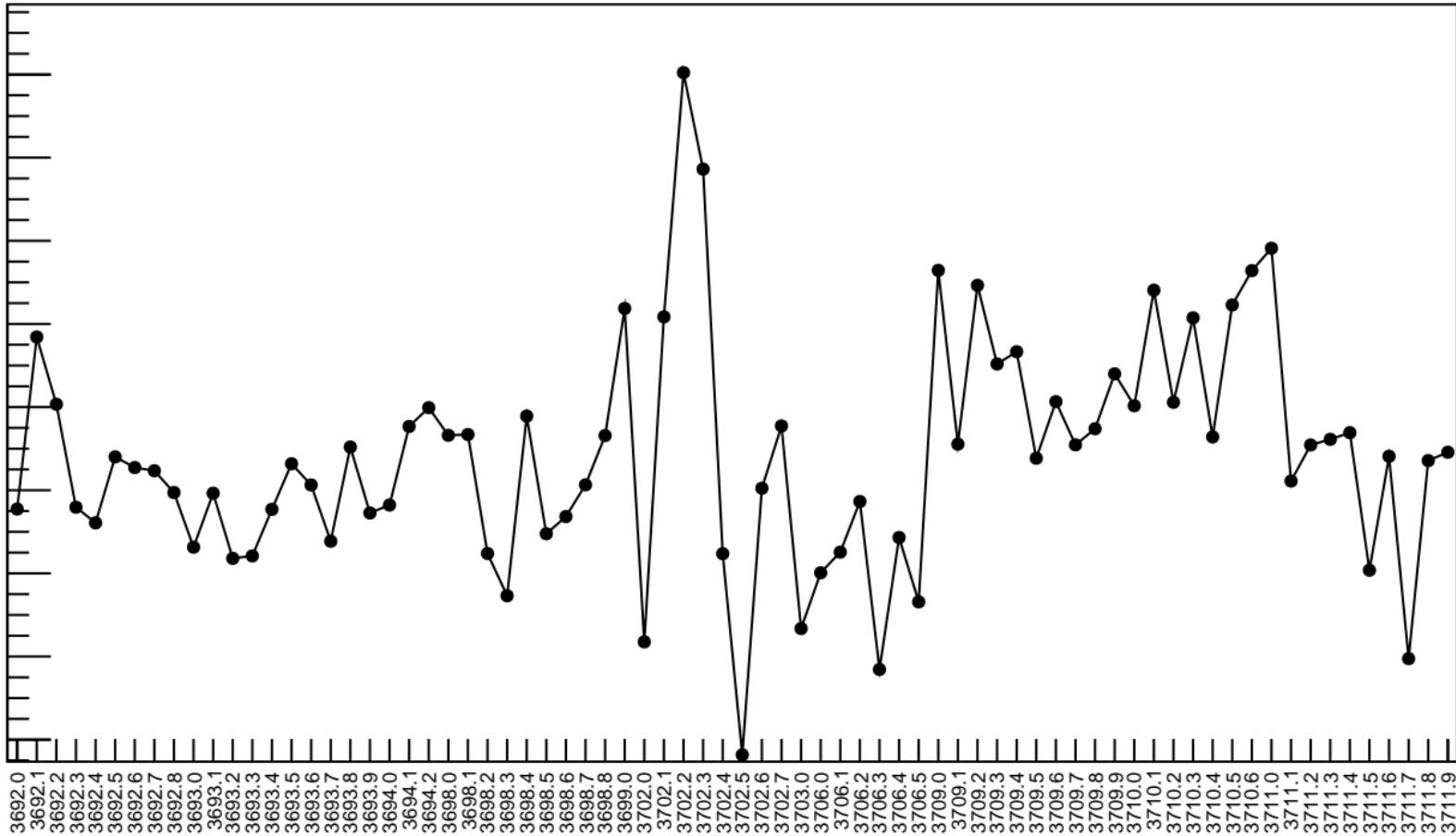
1D pull distribution



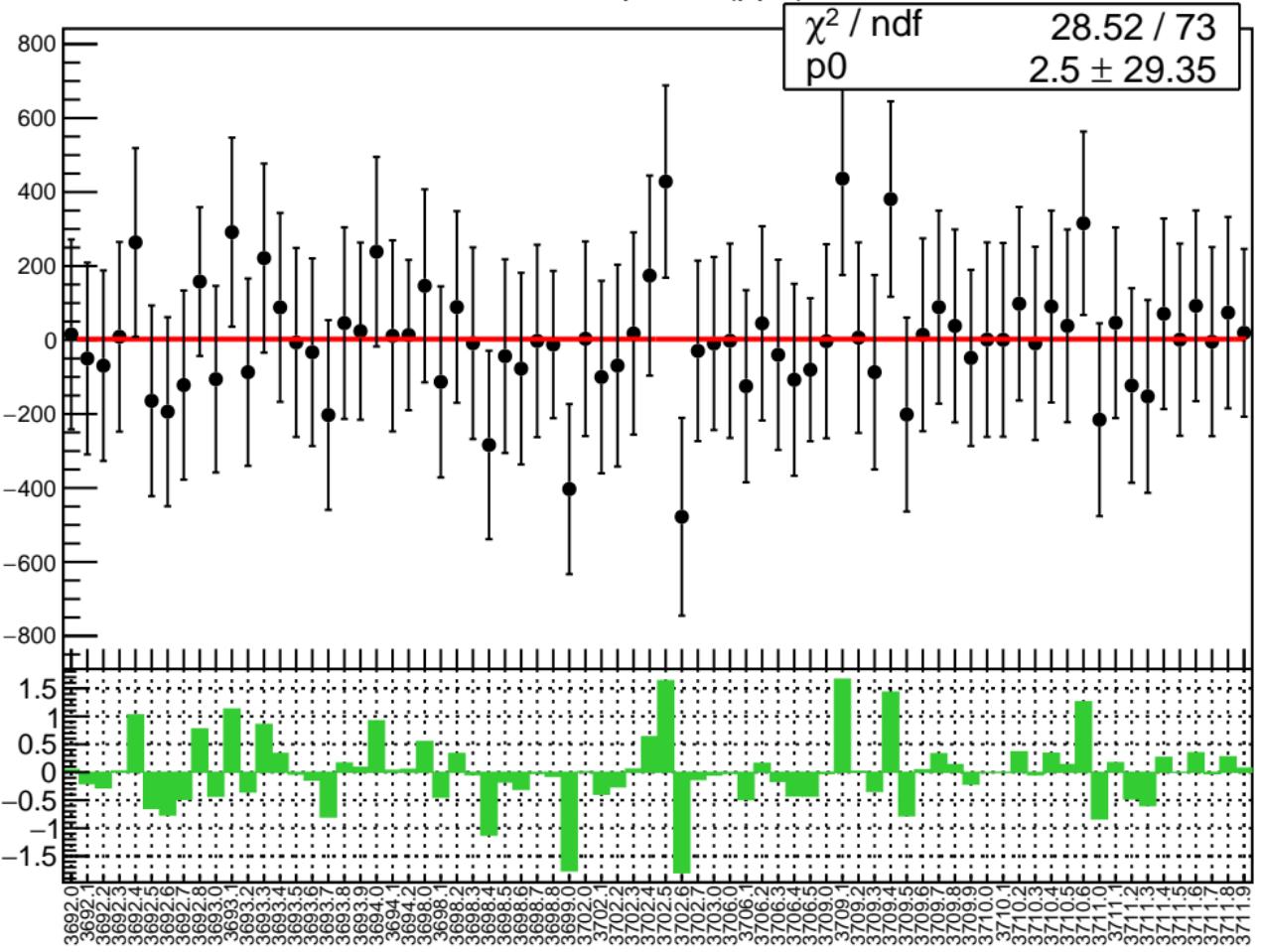
corr_usl_bpm1X RMS (ppm)

RMS (ppm)

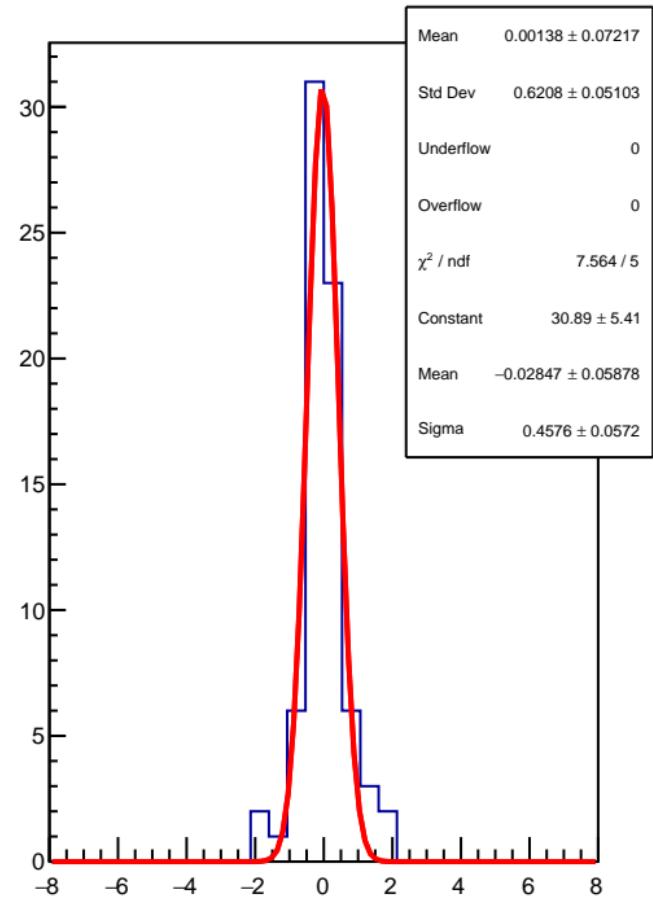
180
160
140
120
100
80
60
40
20



corr_usl_bpm1Y (ppb)

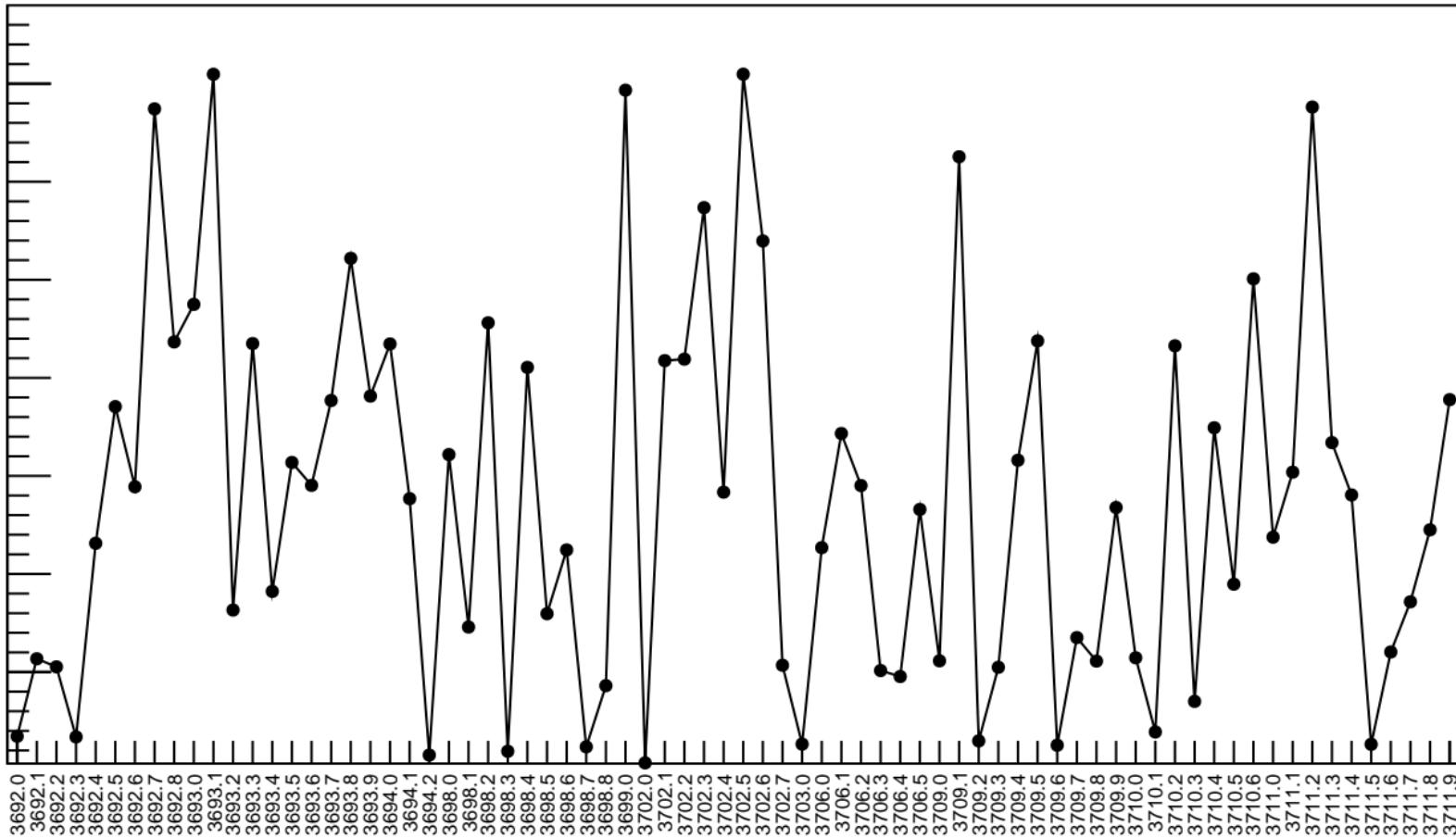


1D pull distribution



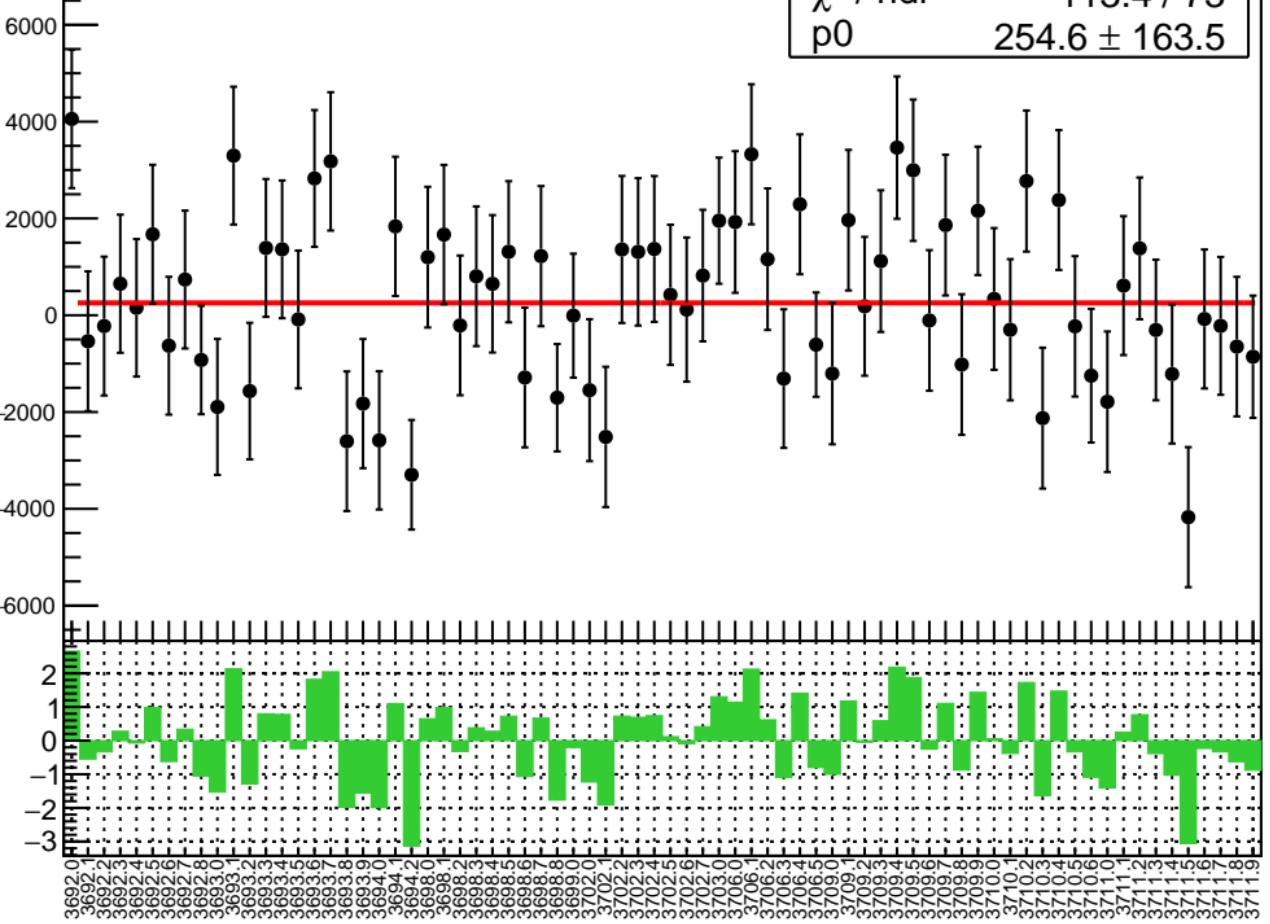
corr_usl_bpm1Y RMS (ppm)

RMS (ppm)

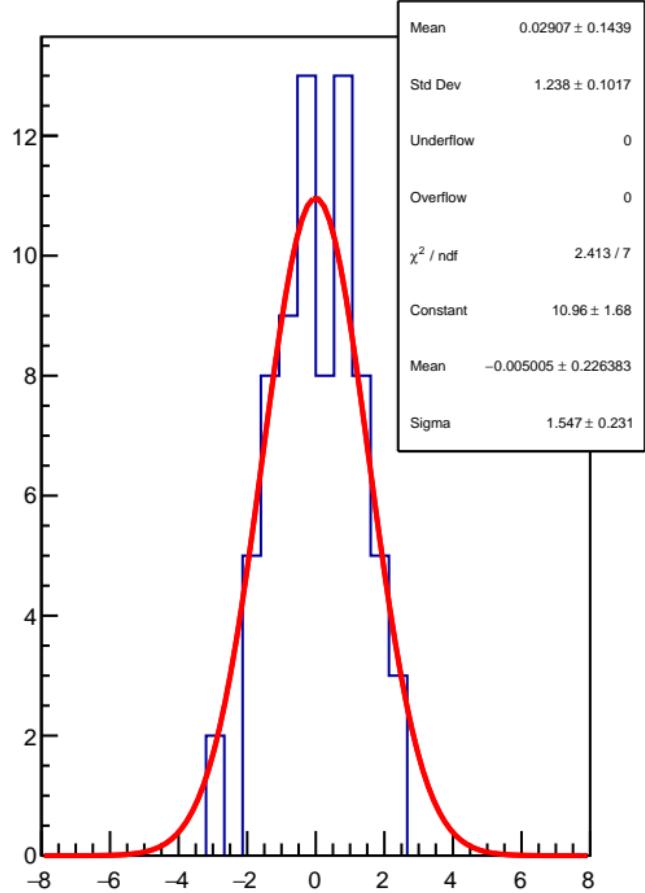


corr_usl_bpm16X (ppb)

χ^2 / ndf 113.4 / 73
p0 254.6 ± 163.5

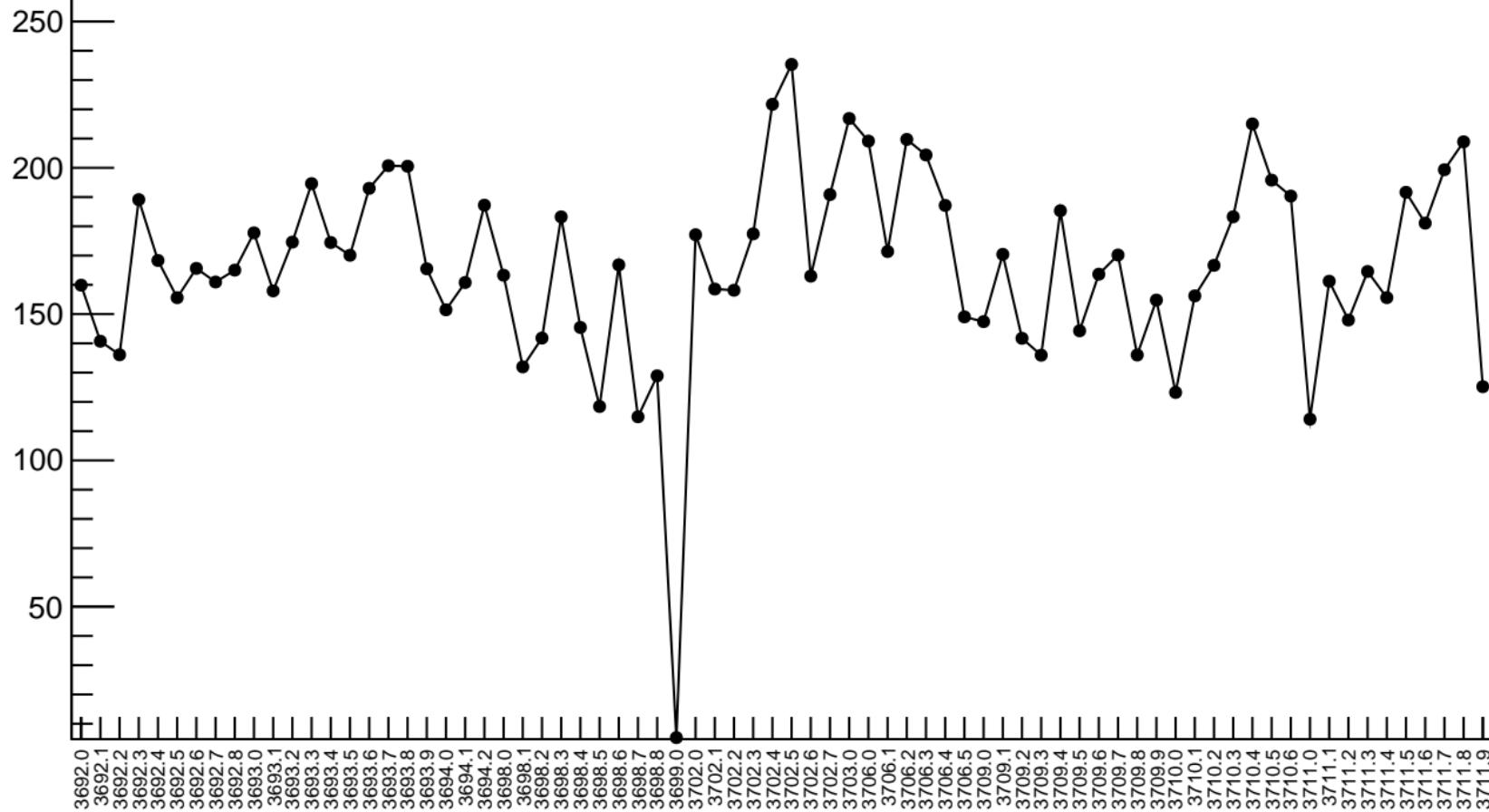


1D pull distribution



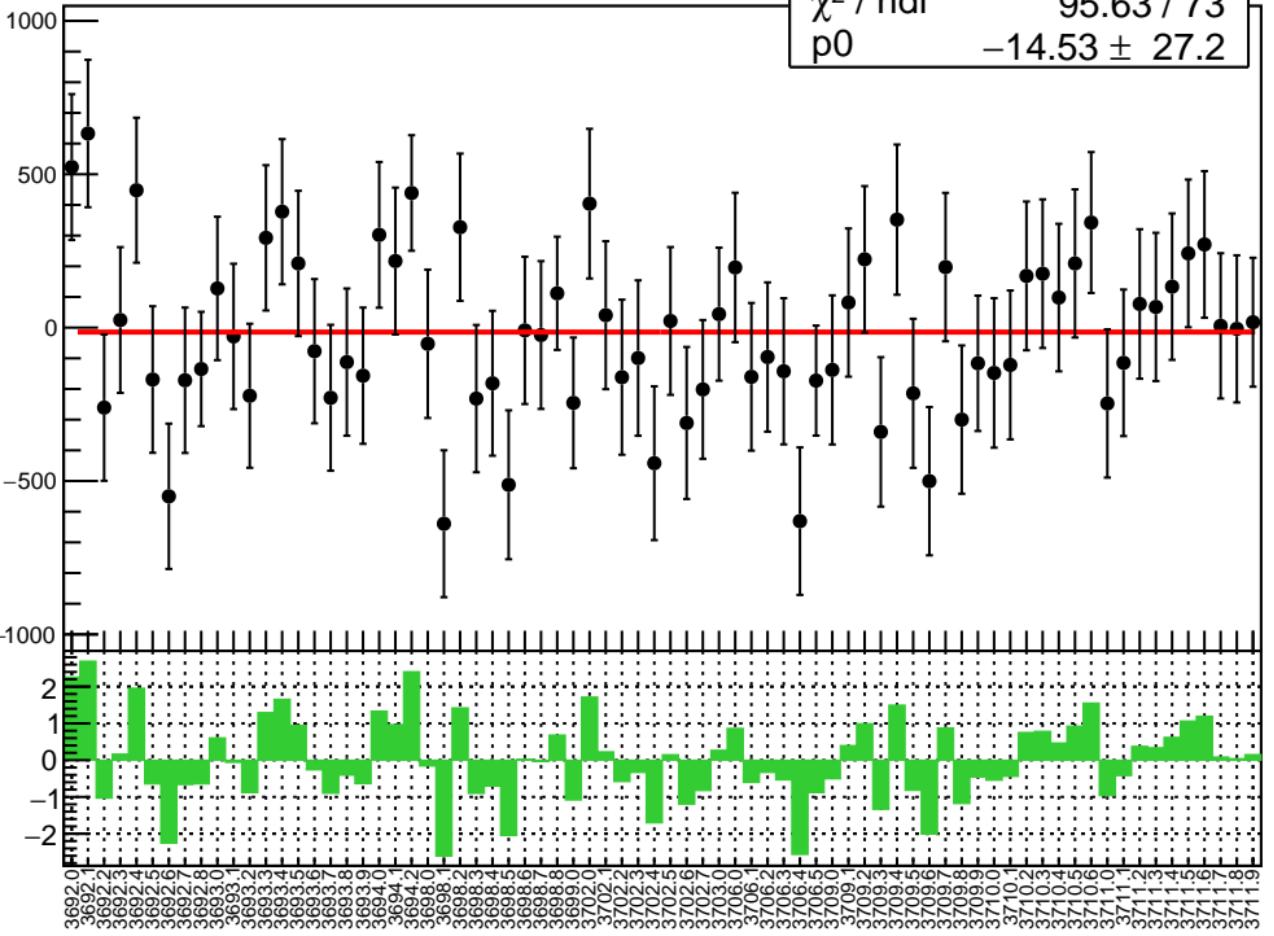
corr_usl_bpm16X RMS (ppm)

RMS (ppm)

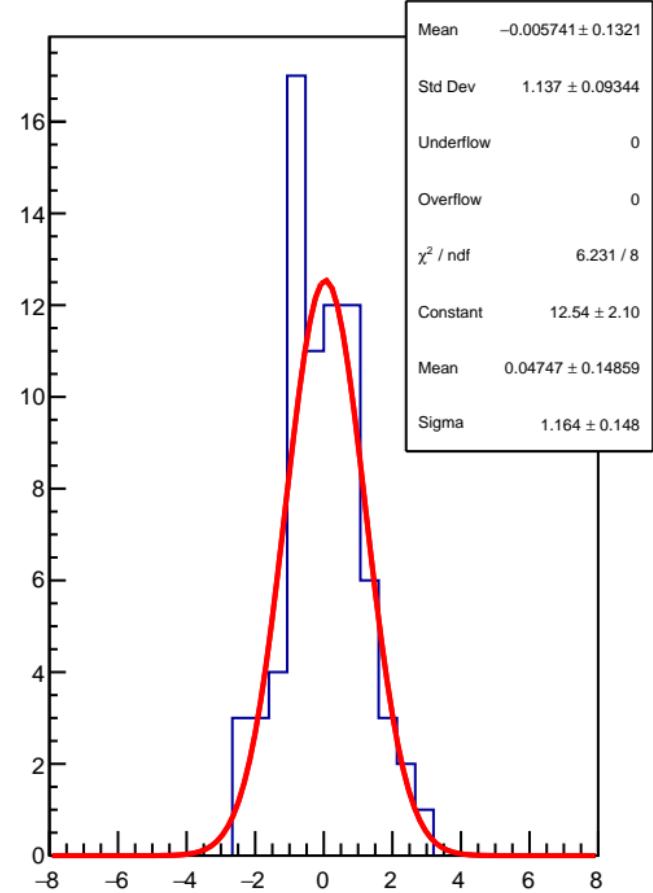


corr_usl_bpm16Y (ppb)

χ^2 / ndf 95.63 / 73
p0 -14.53 ± 27.2

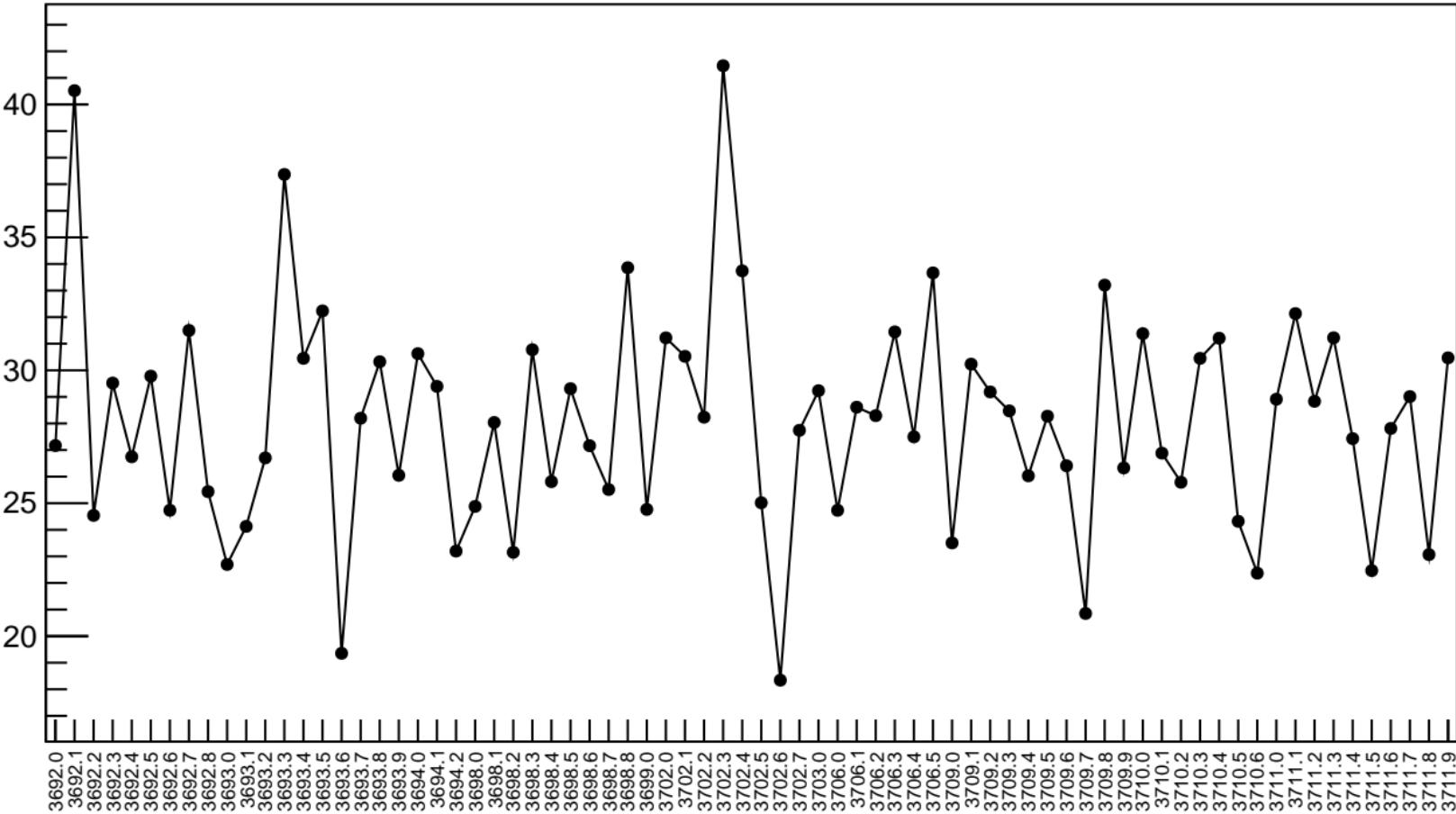


1D pull distribution

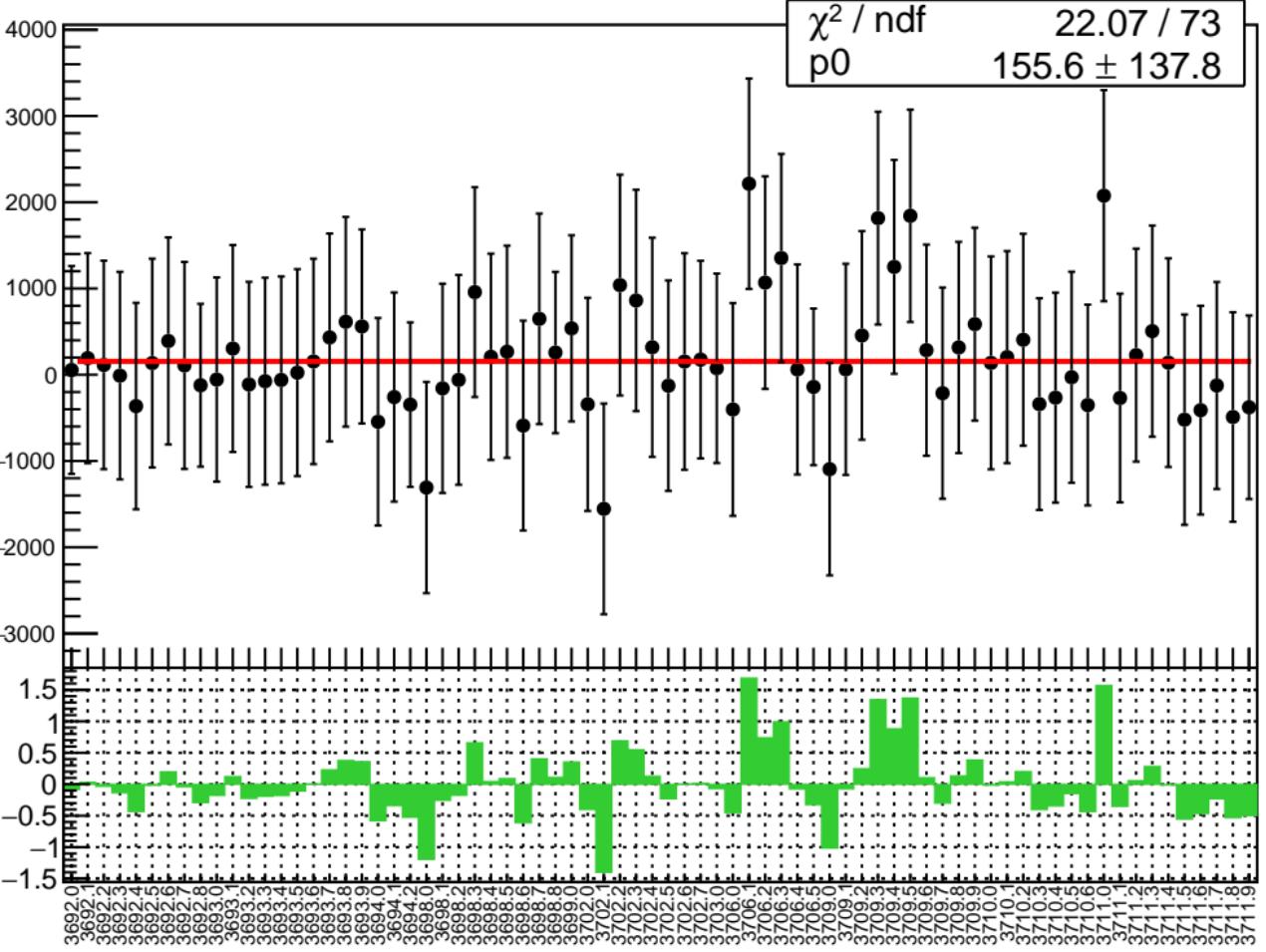


corr_usl_bpm16Y RMS (ppm)

RMS (ppm)

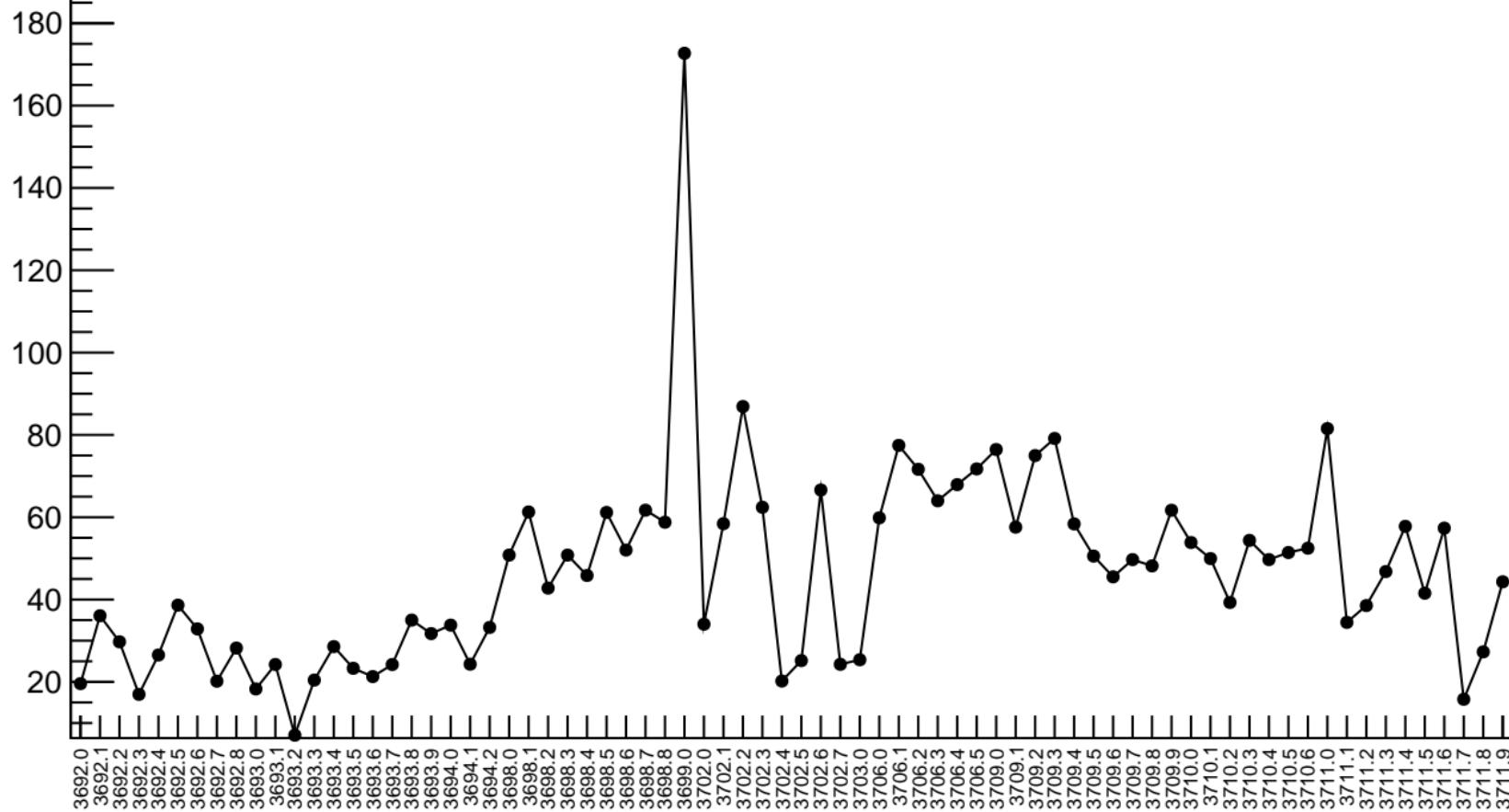


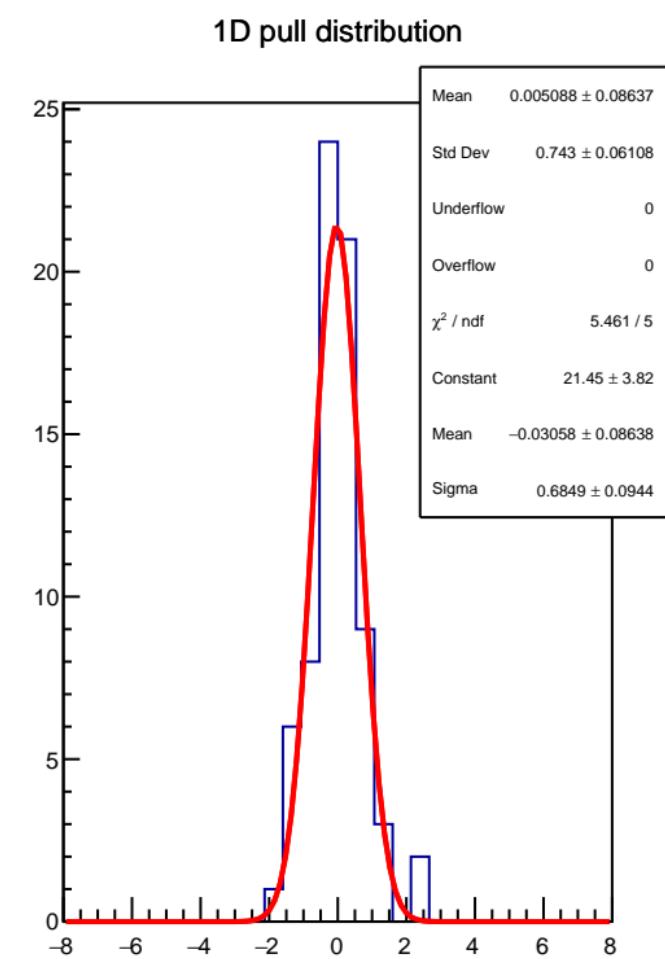
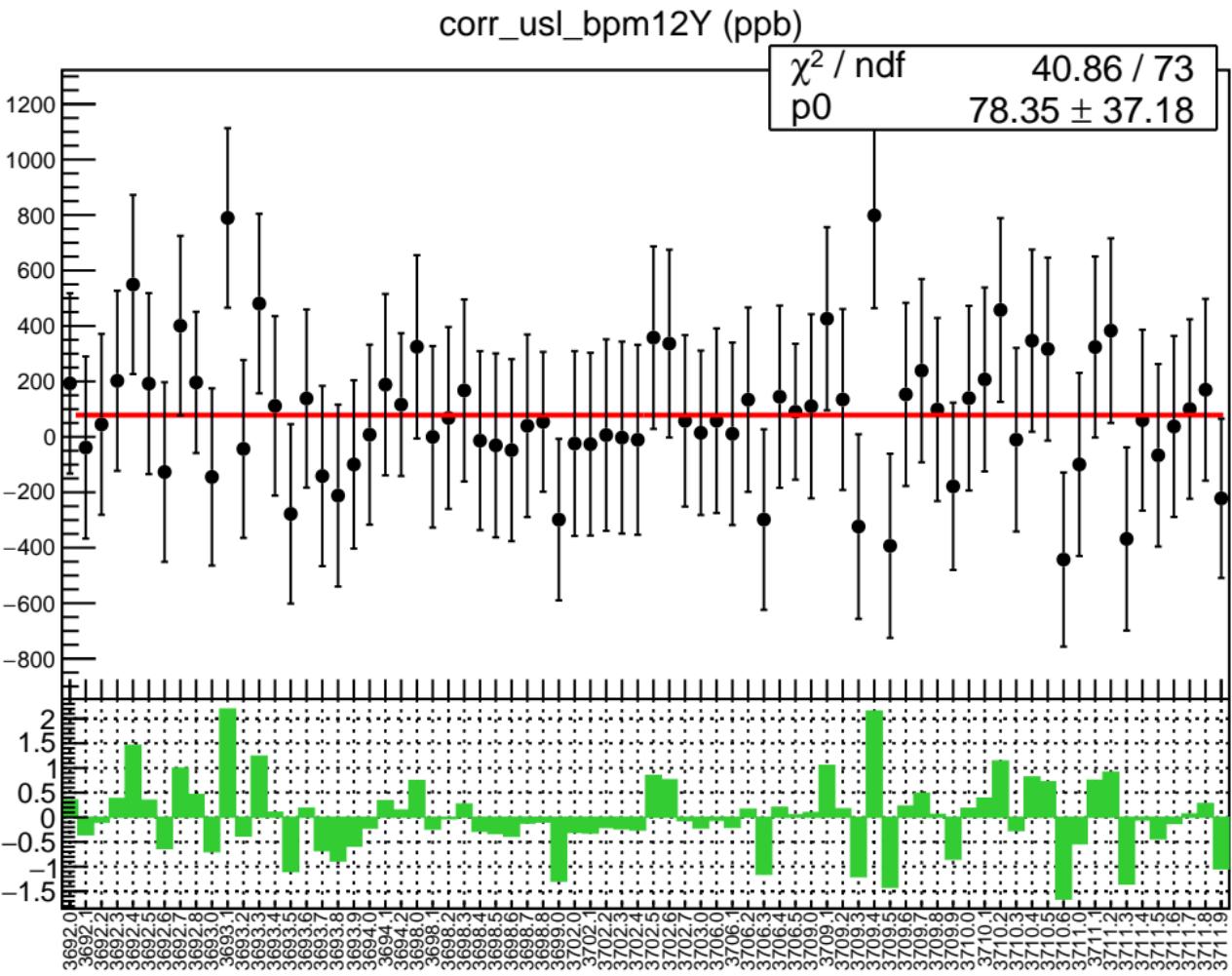
corr_usl_bpm12X (ppb)



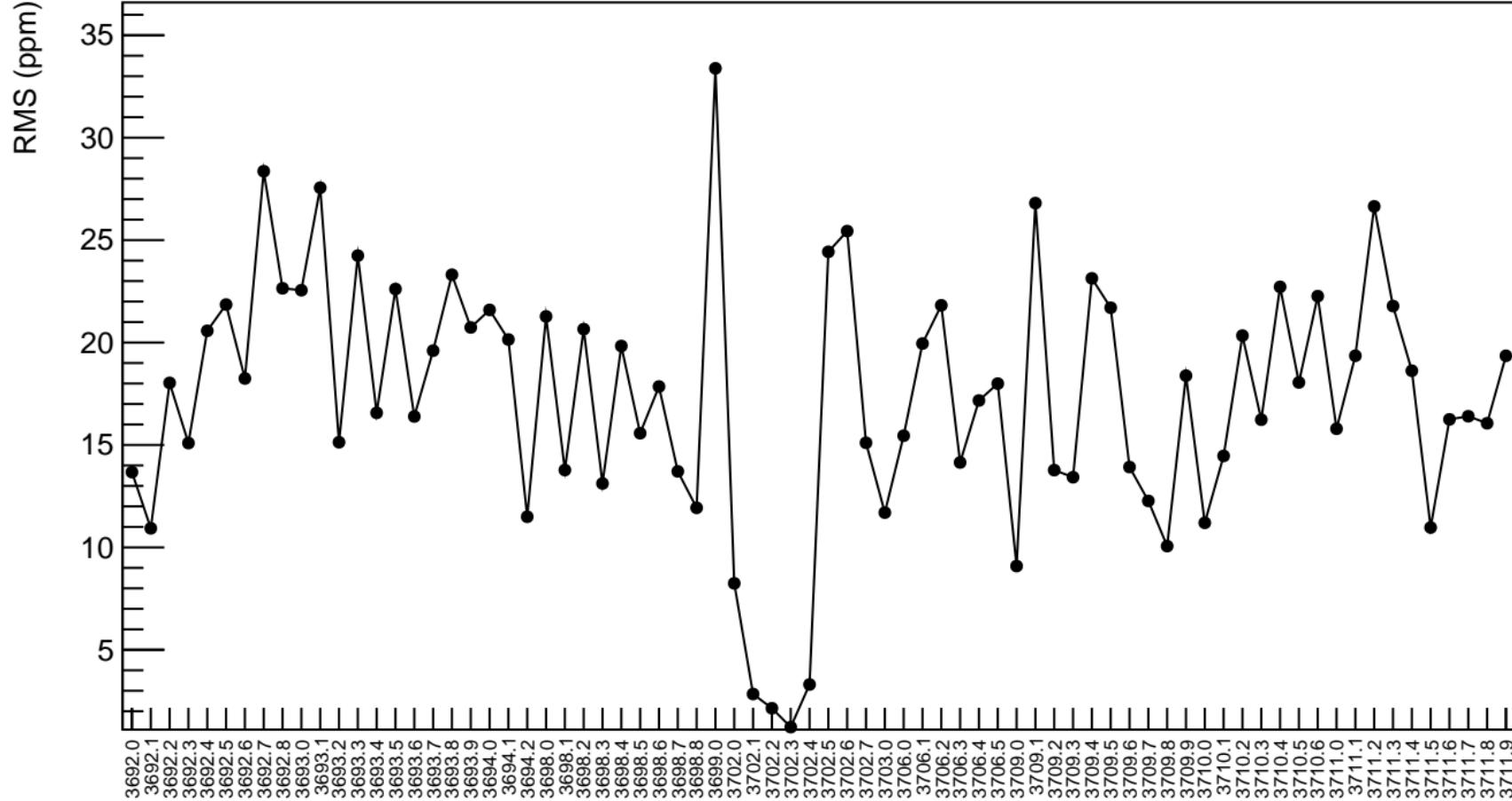
corr_usl_bpm12X RMS (ppm)

RMS (ppm)

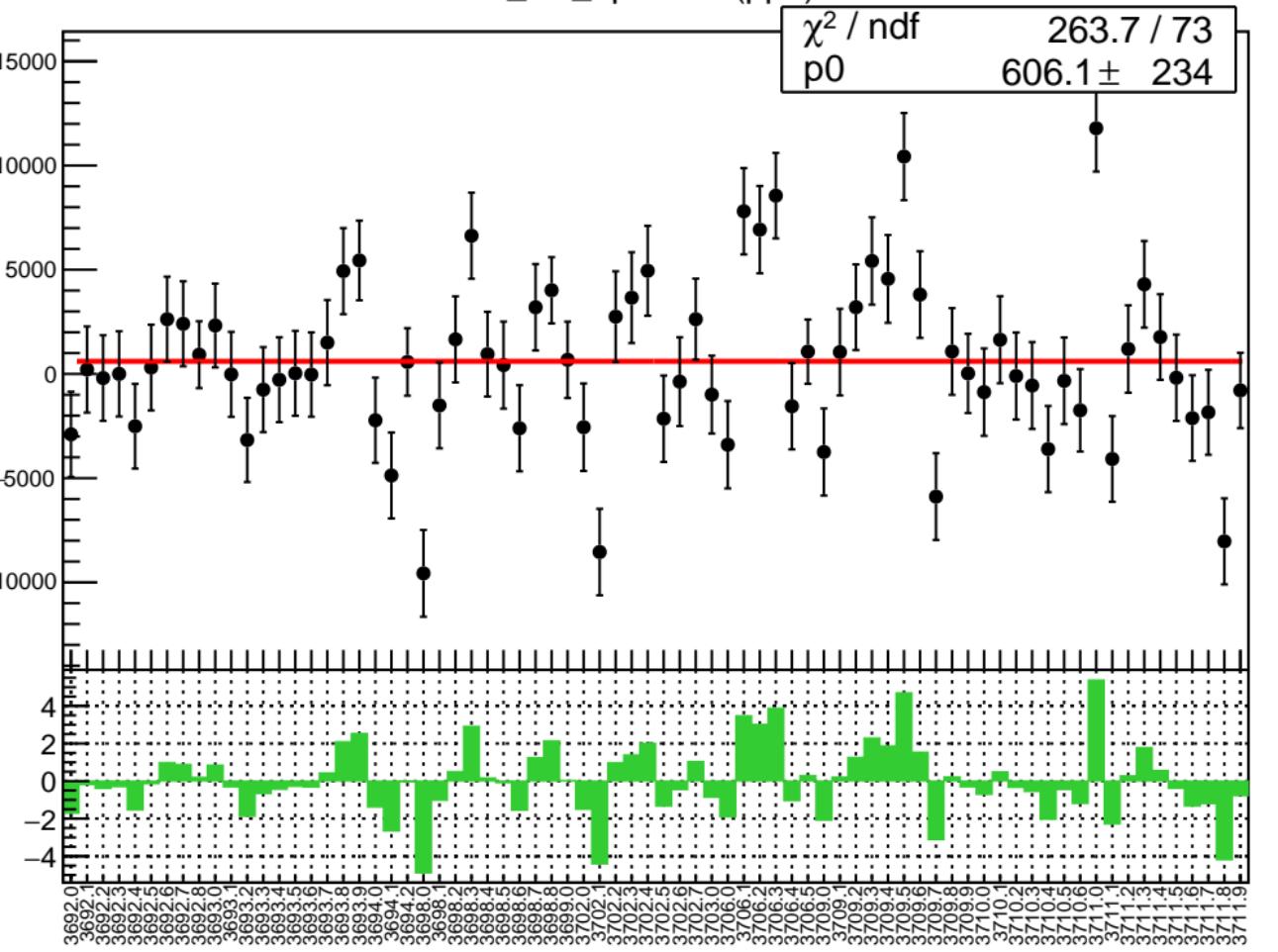




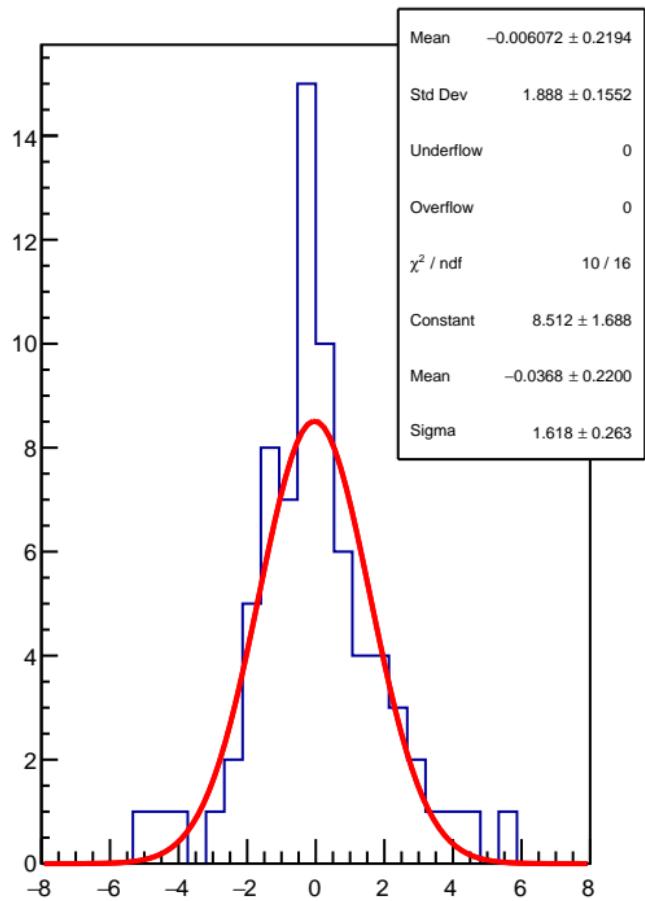
corr_usl_bpm12Y RMS (ppm)



corr_usl_bpm11X (ppb)

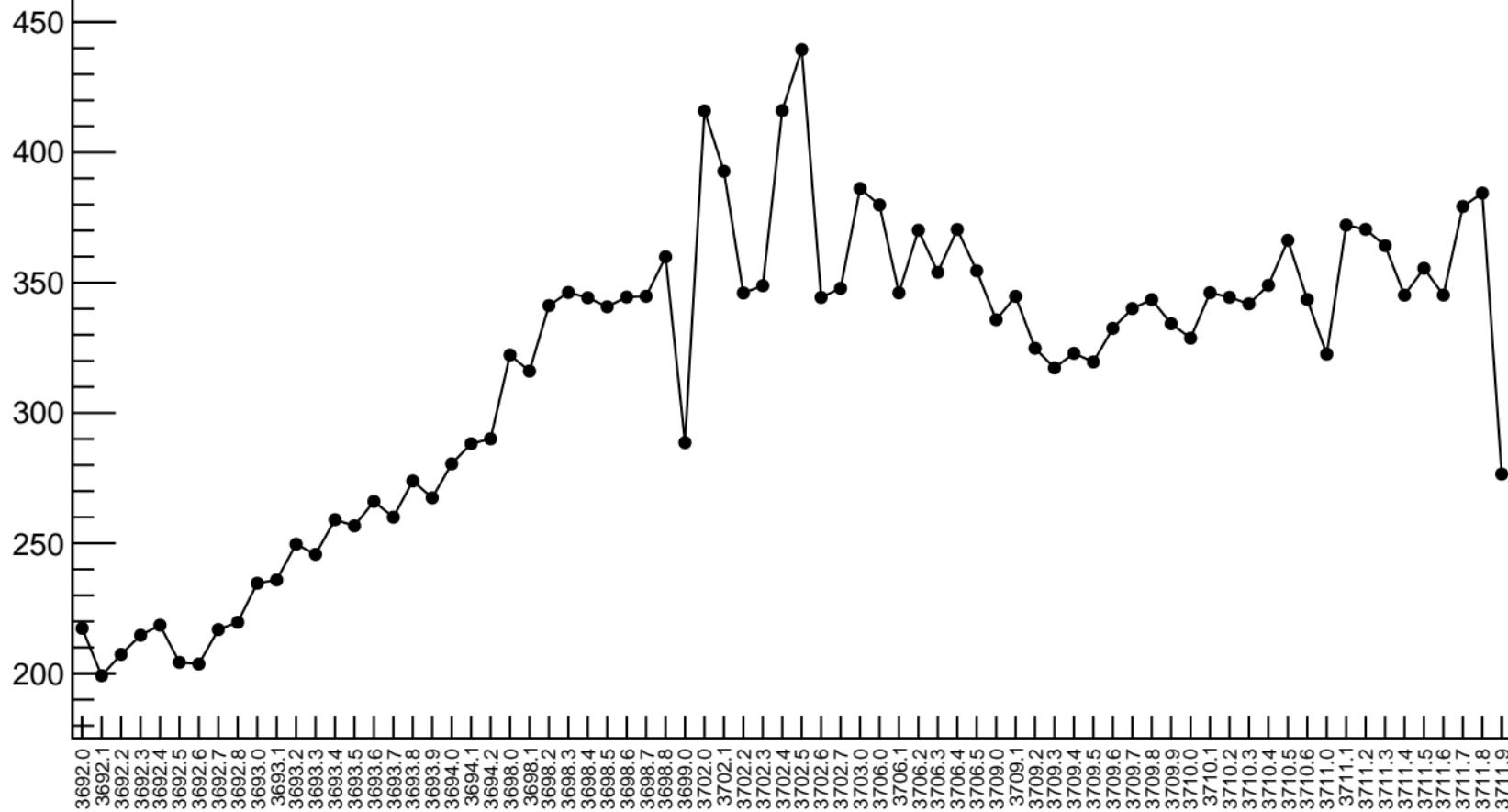


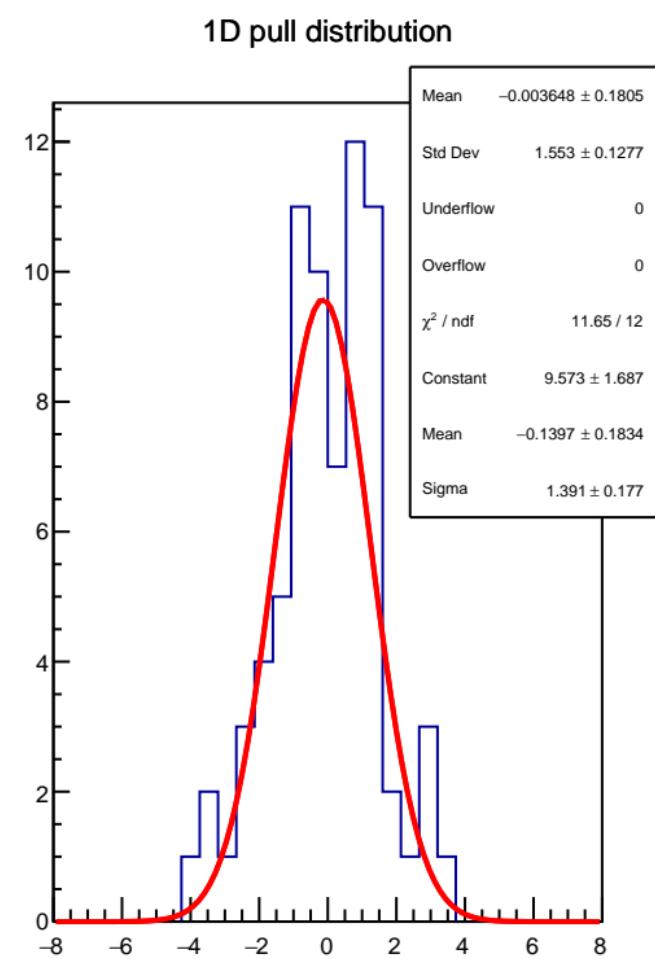
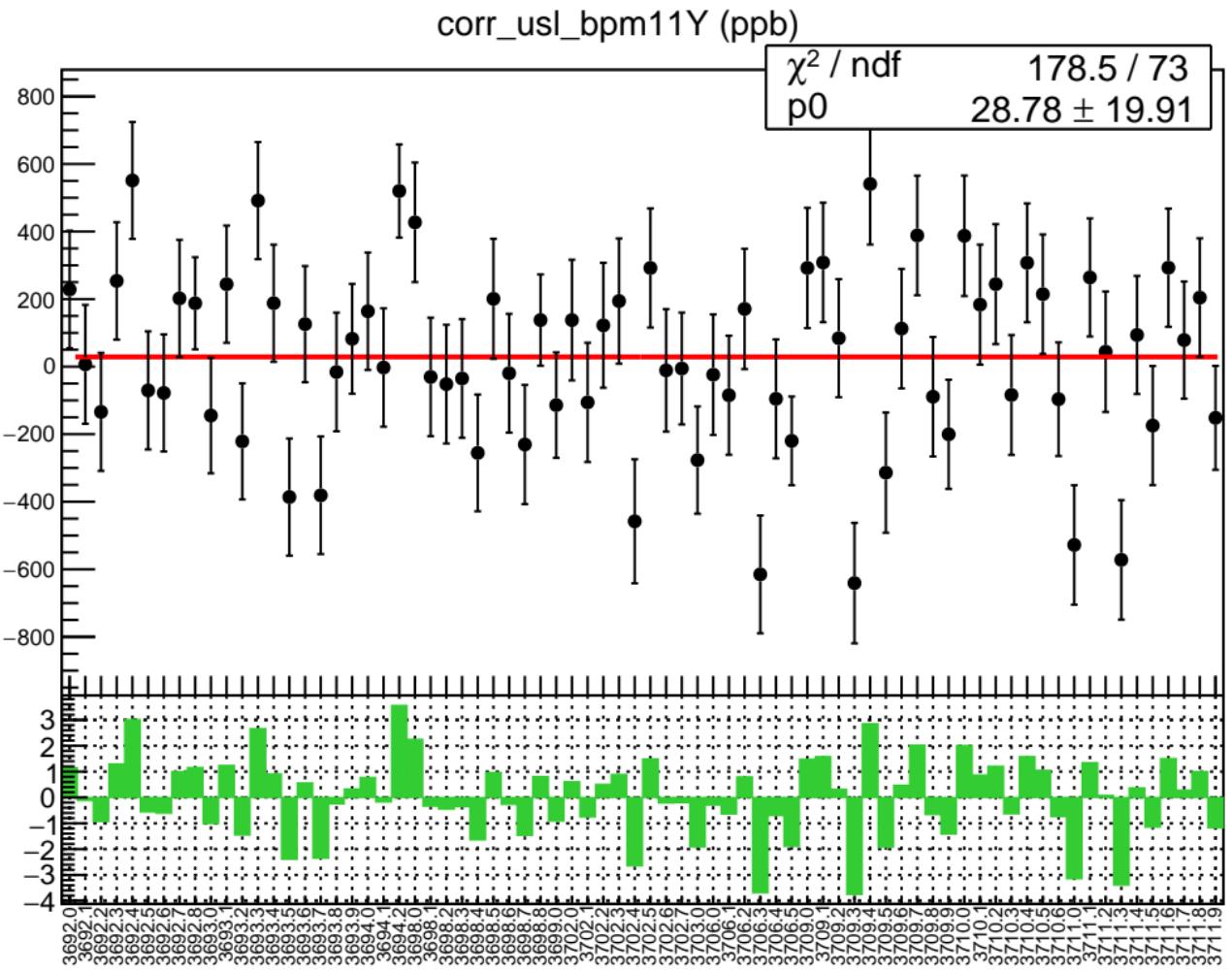
1D pull distribution



corr_usl_bpm11X RMS (ppm)

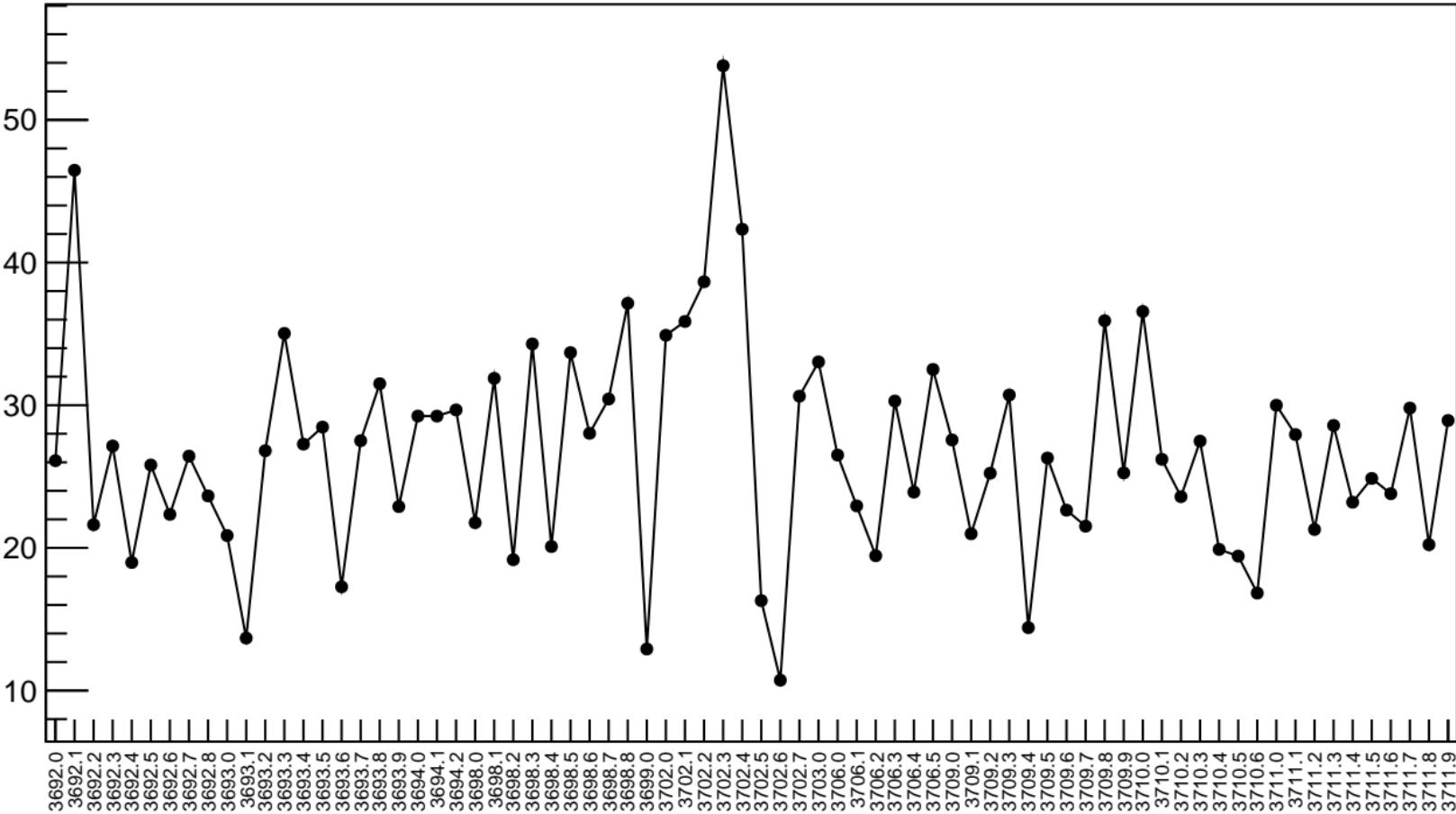
RMS (ppm)



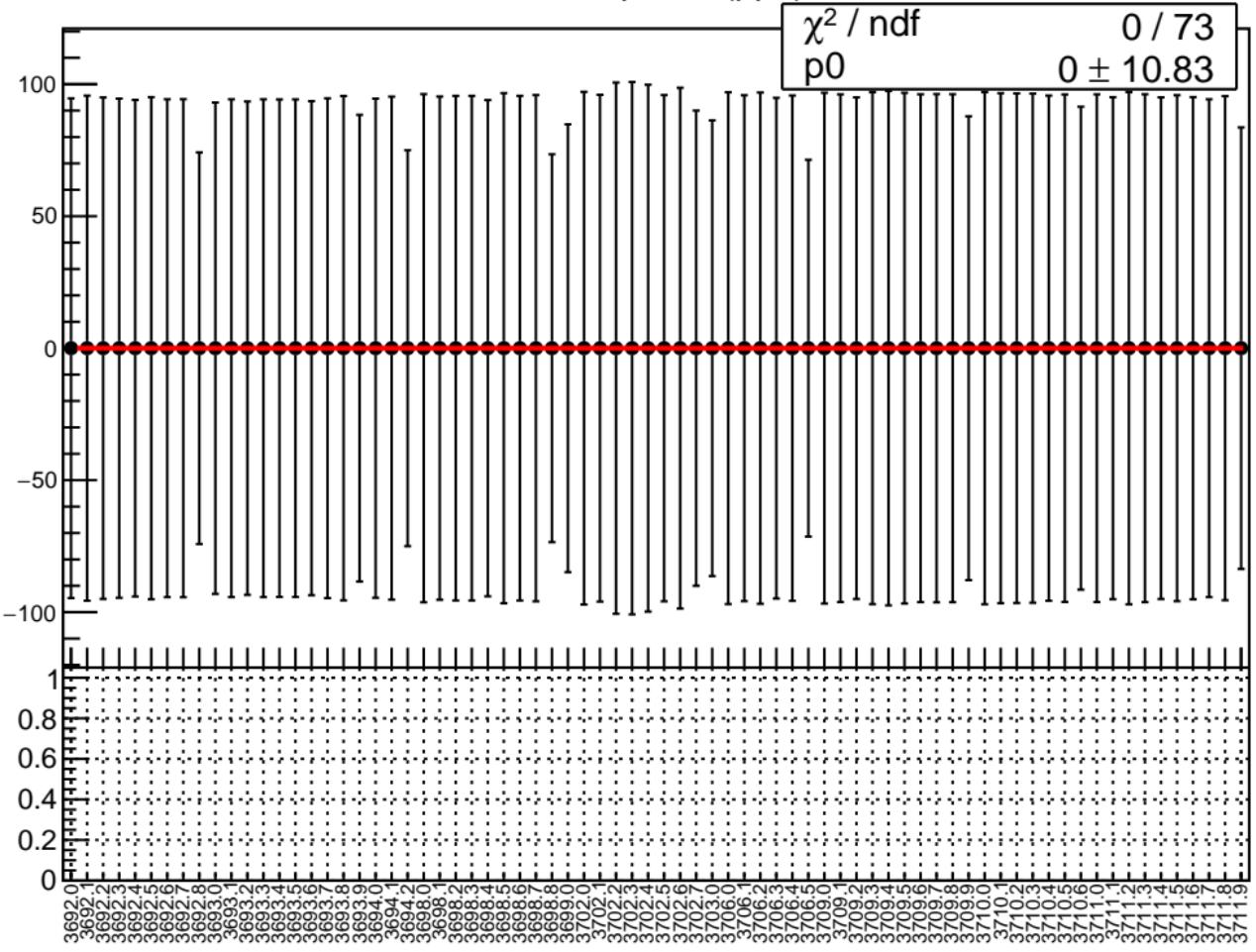


corr_usl_bpm11Y RMS (ppm)

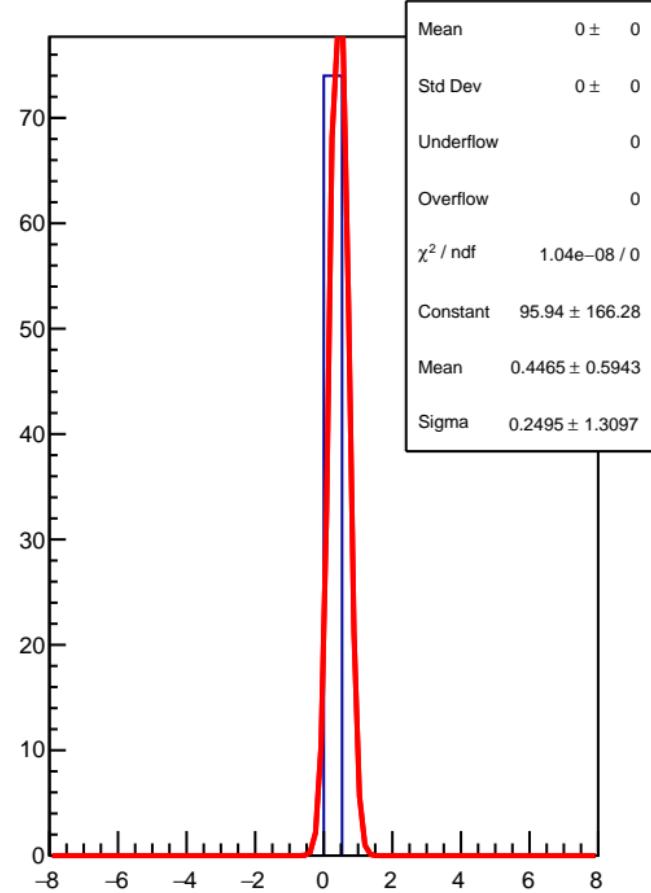
RMS (ppm)



corr_usl_bpm8X (ppb)

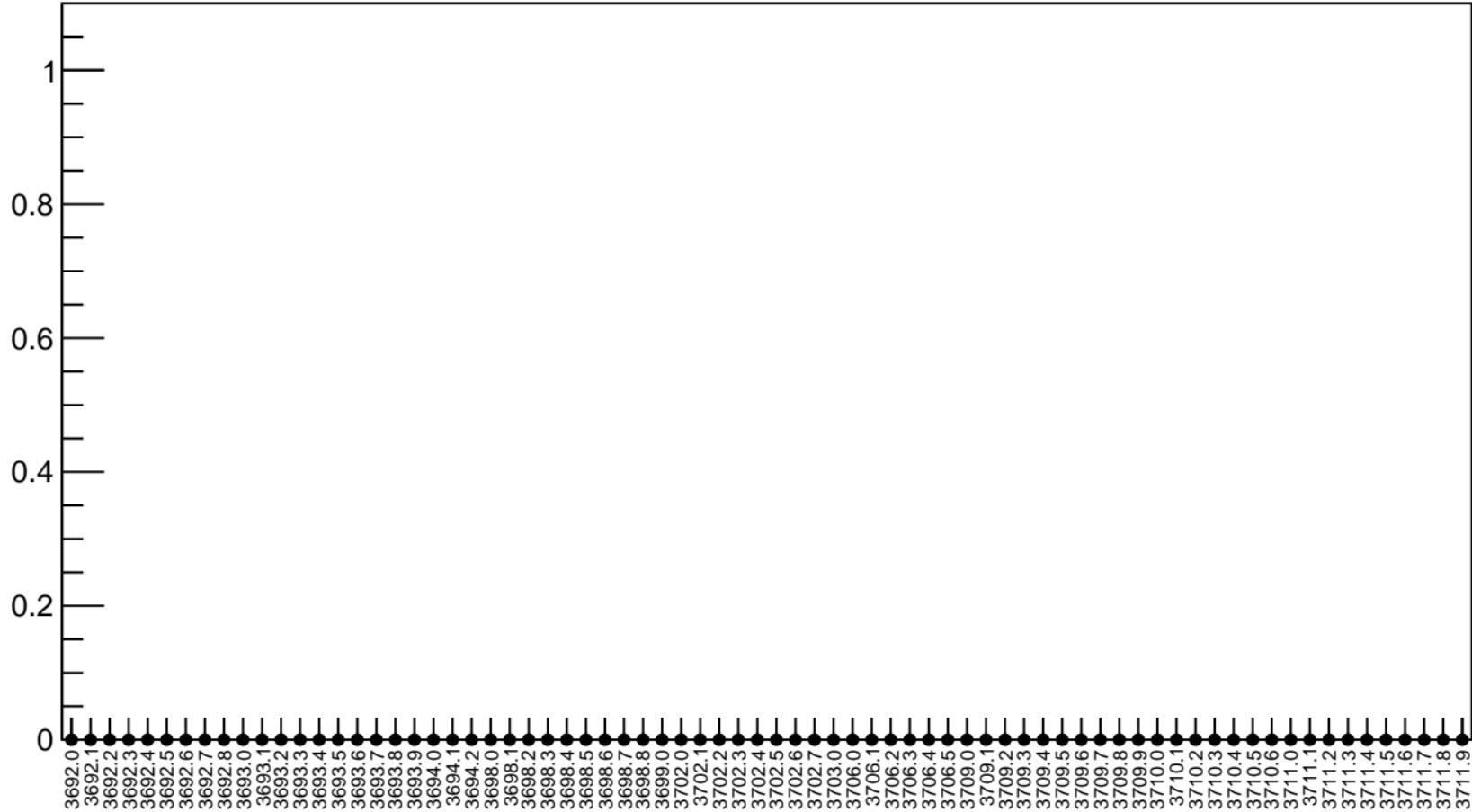


1D pull distribution

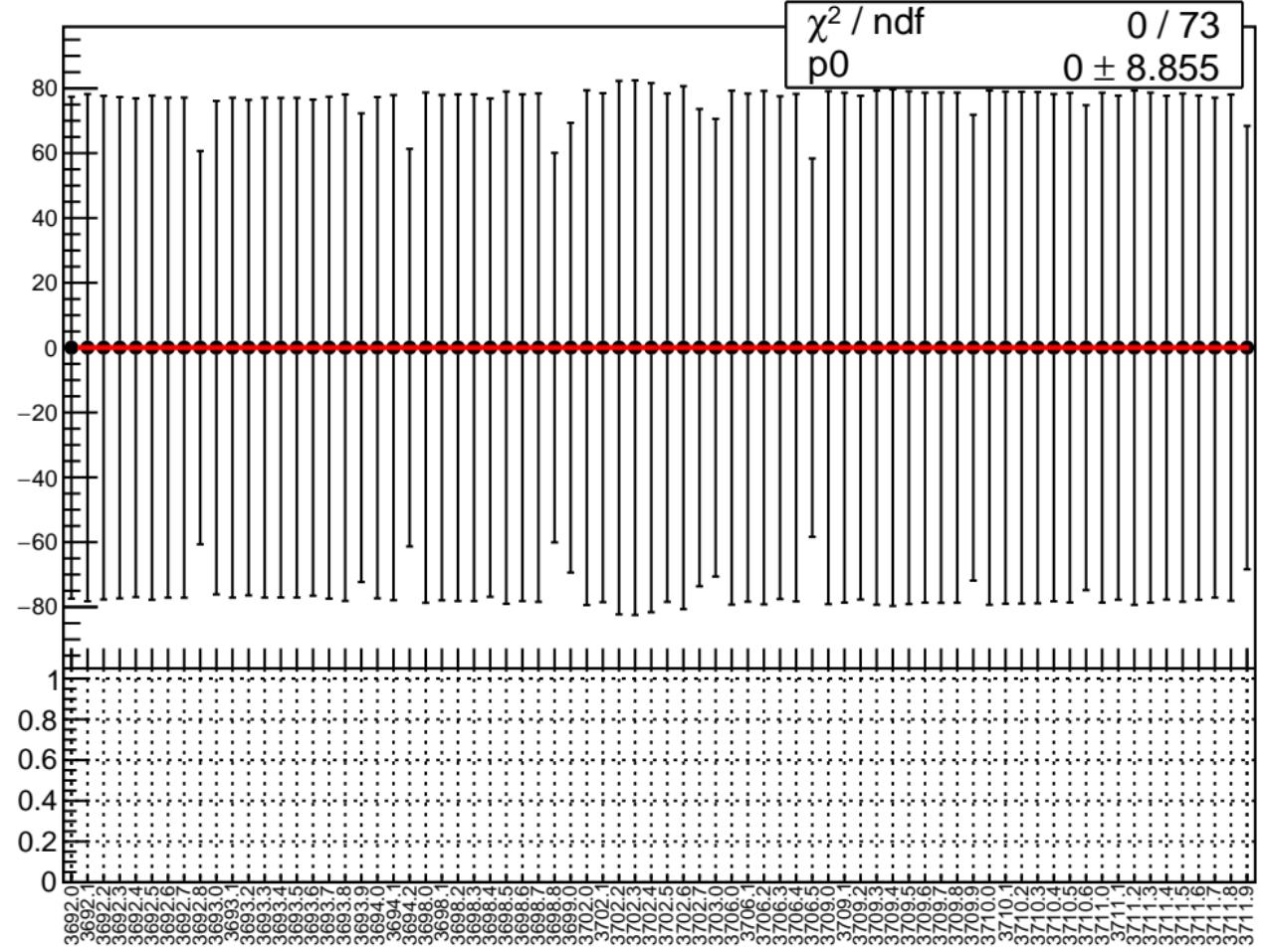


corr_usl_bpm8X RMS (ppm)

RMS (ppm)

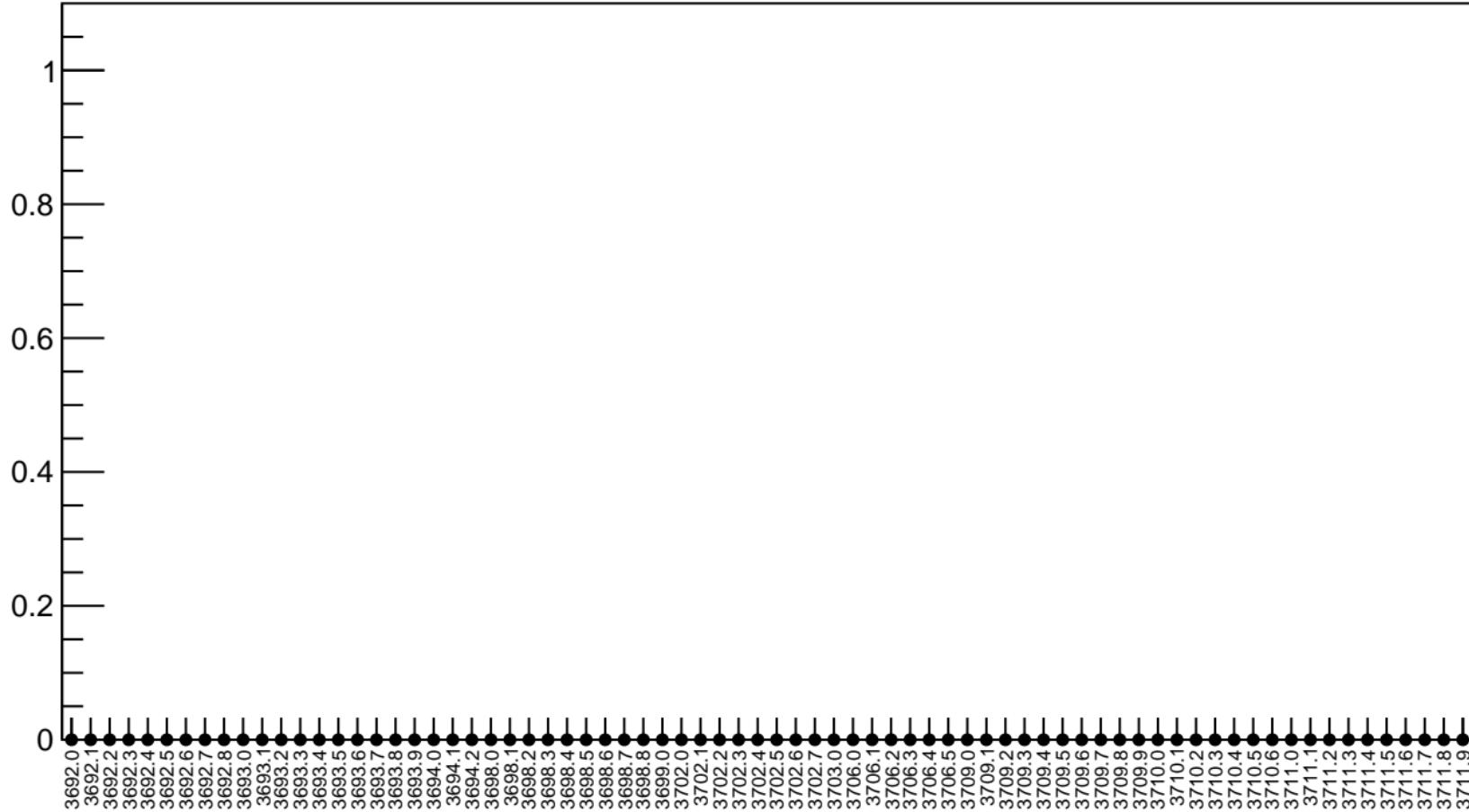


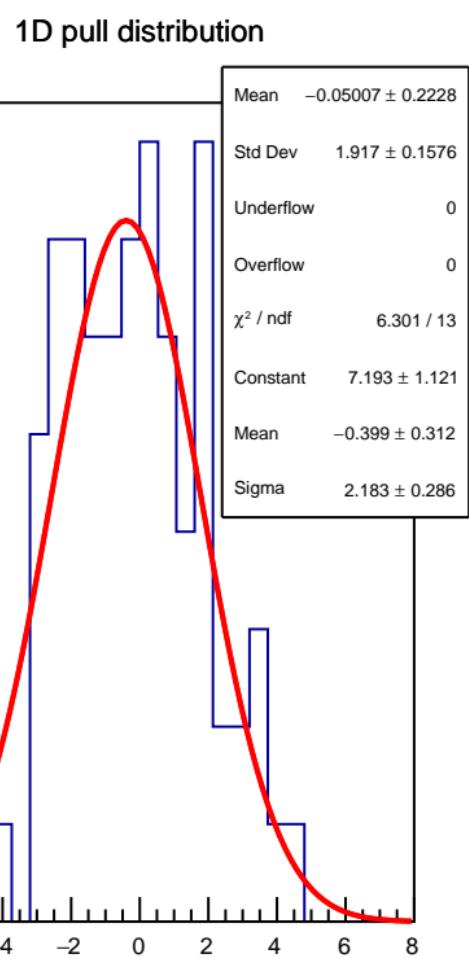
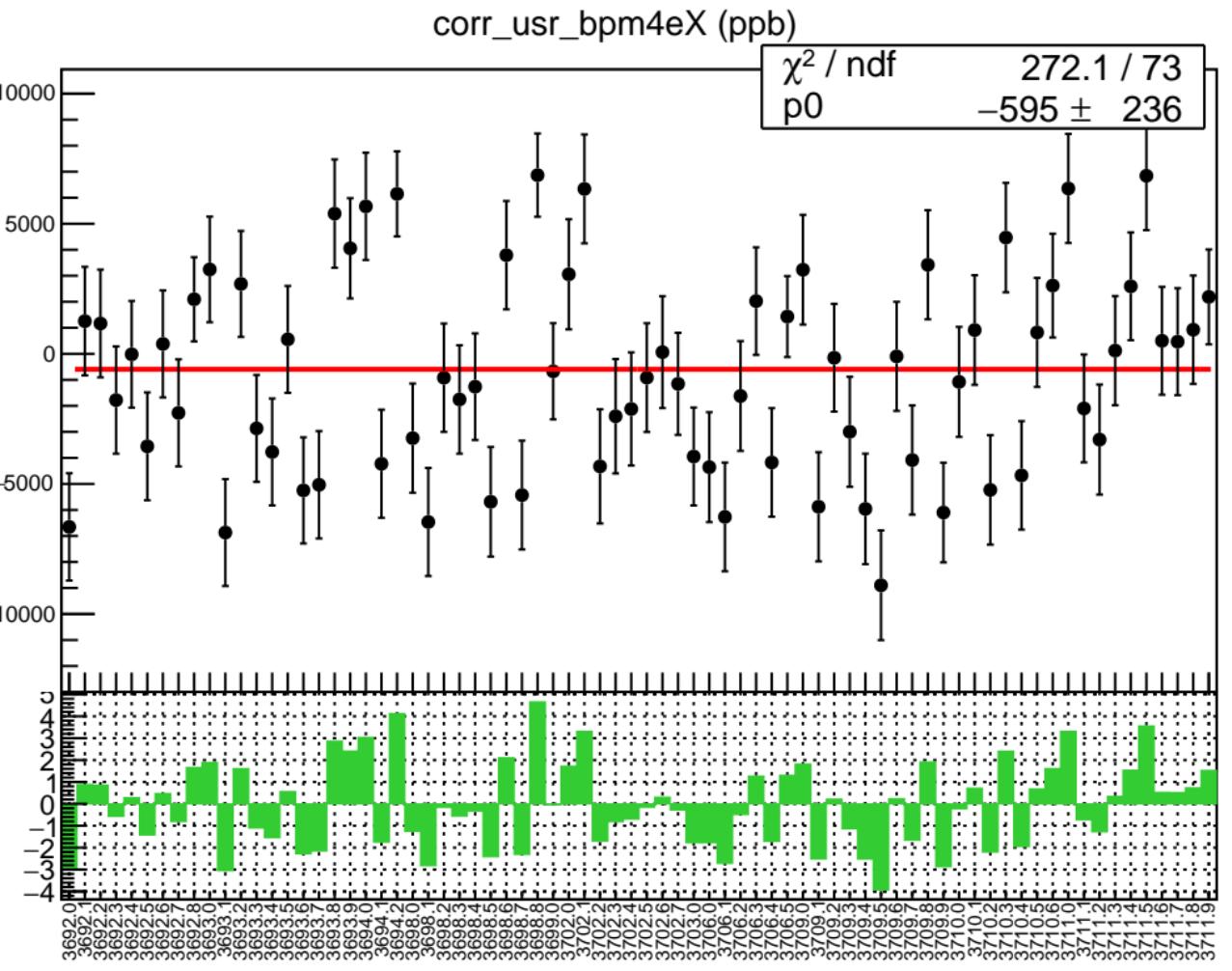
corr_usl_bpm8Y (ppb)



corr_usl_bpm8Y RMS (ppm)

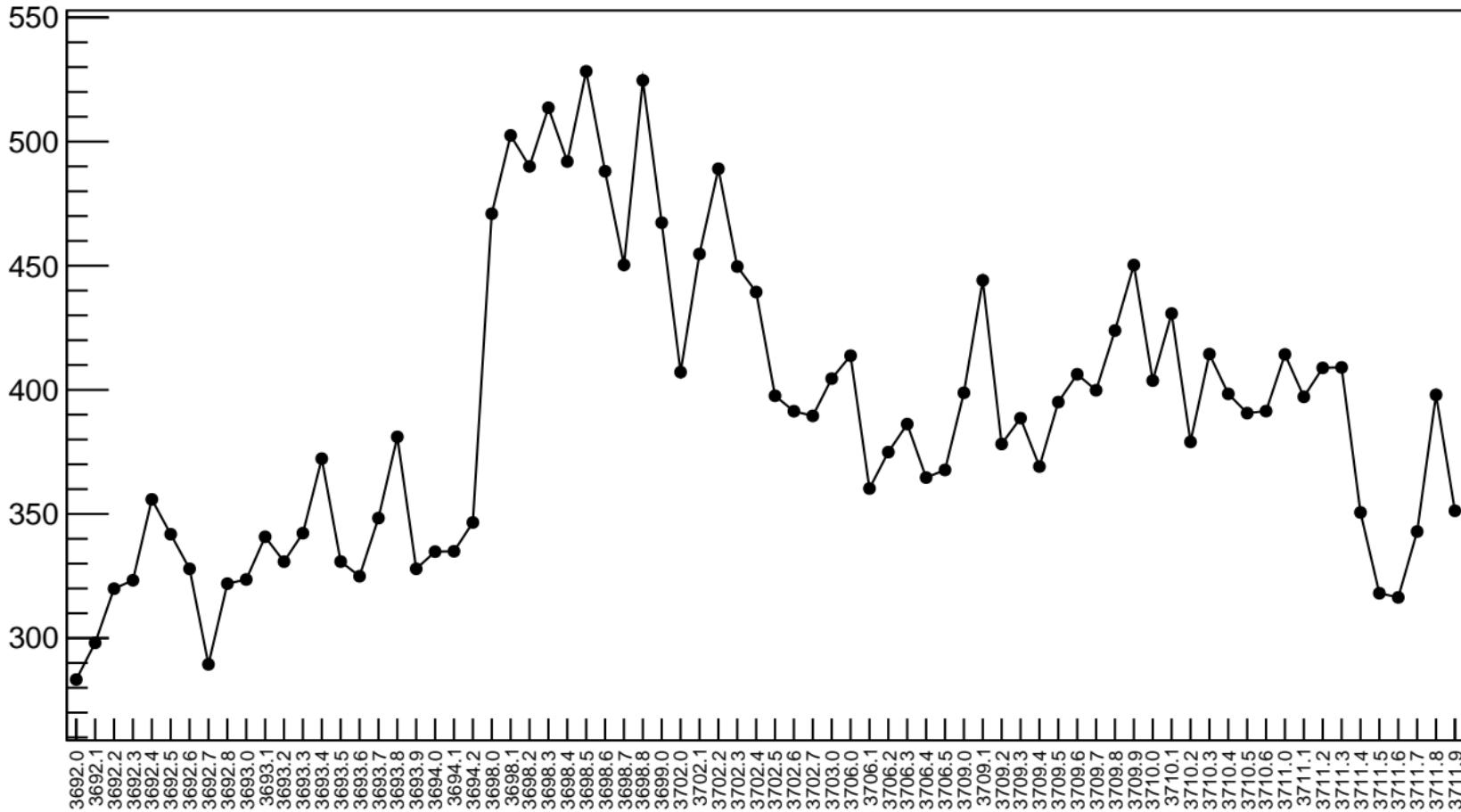
RMS (ppm)



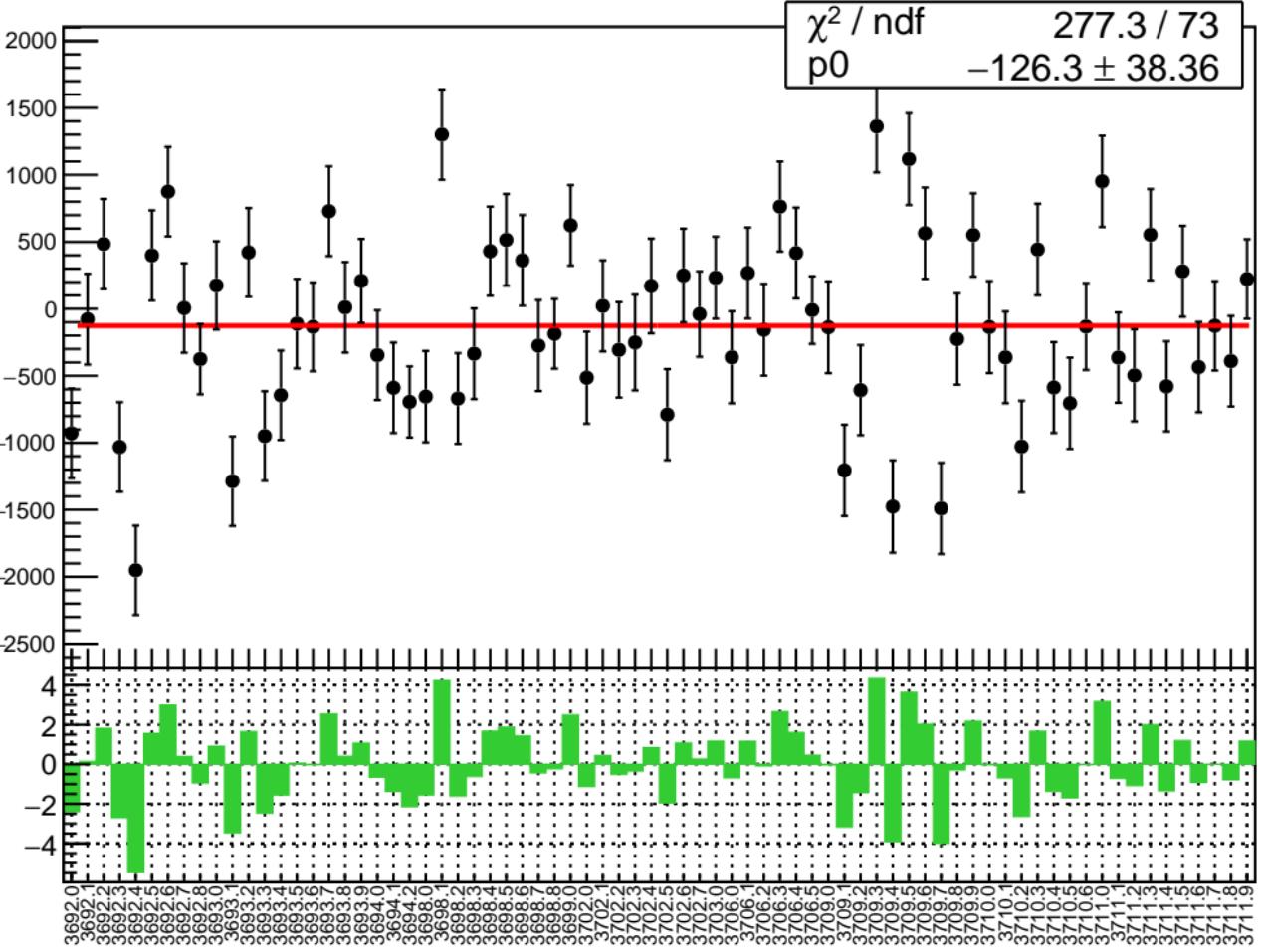


corr_usr_bpm4eX RMS (ppm)

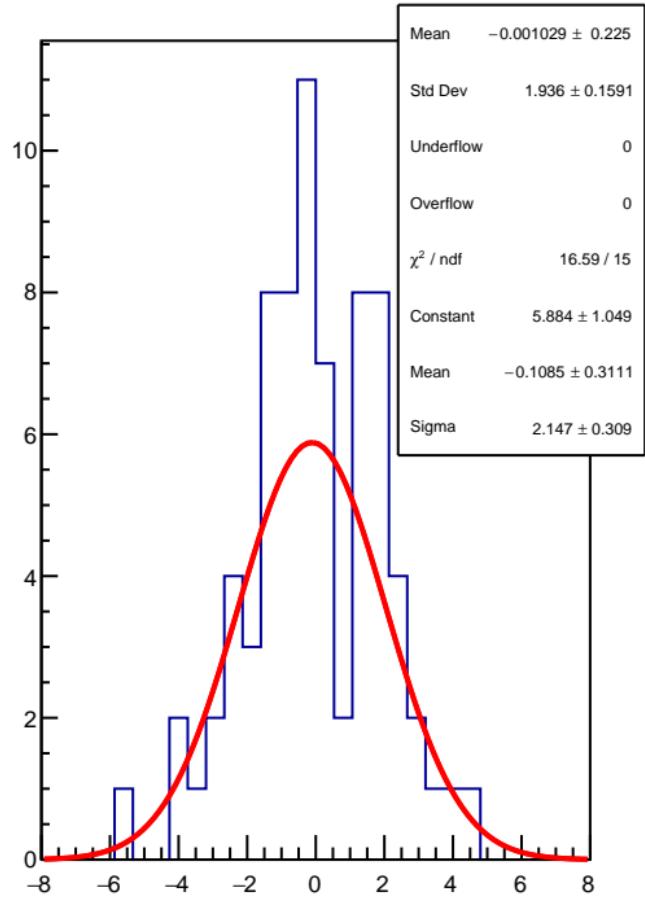
RMS (ppm)



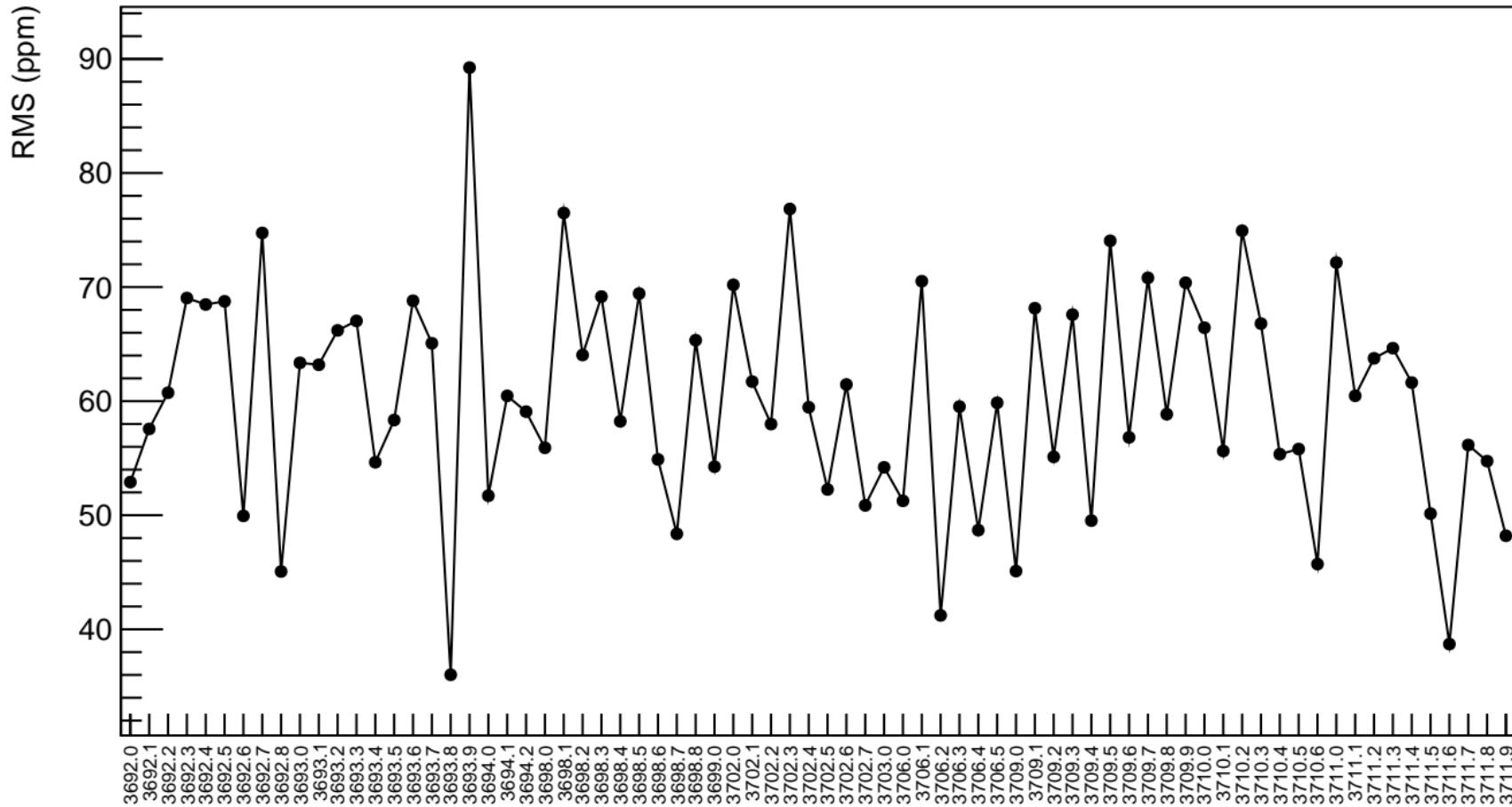
corr_usr_bpm4eY (ppb)



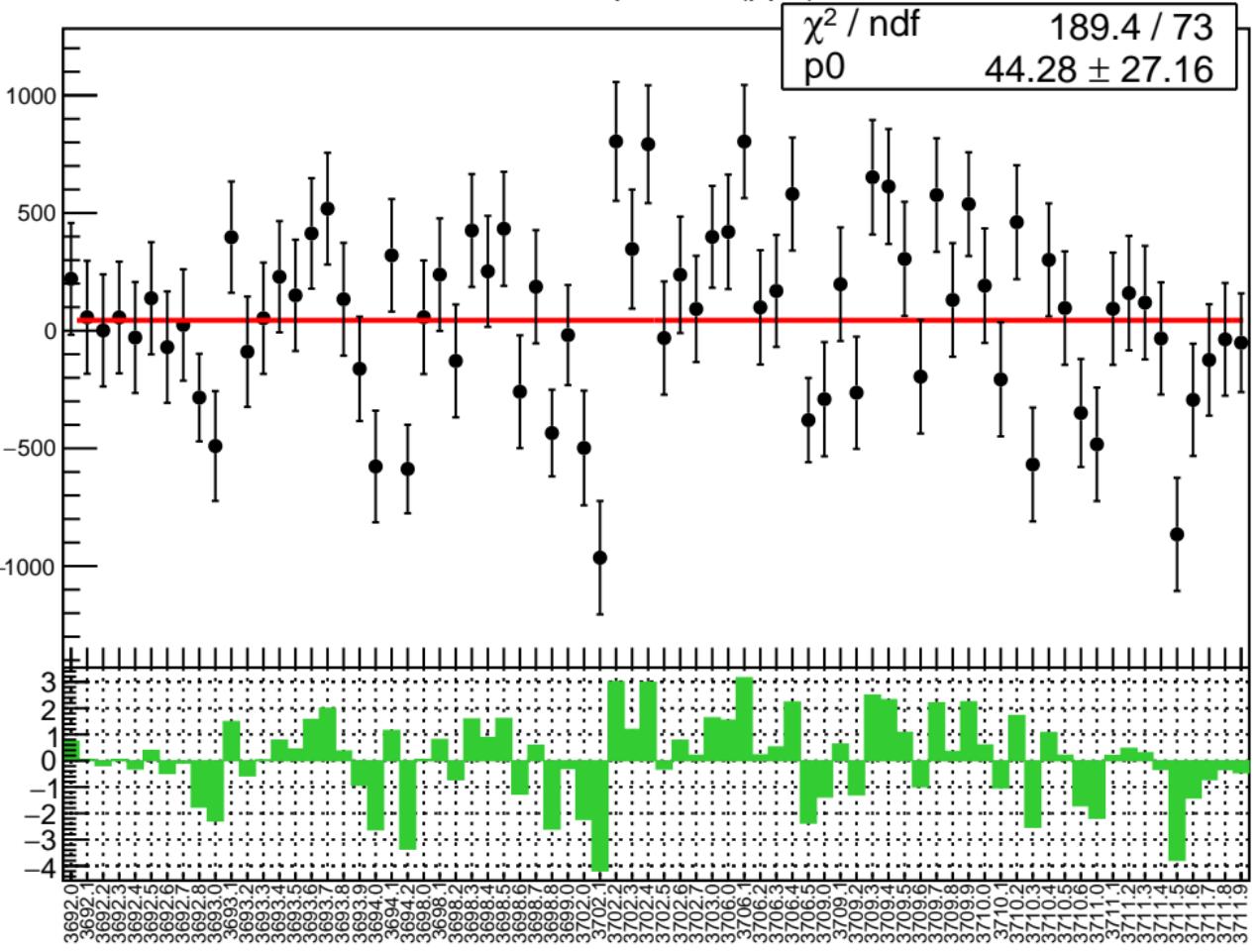
1D pull distribution



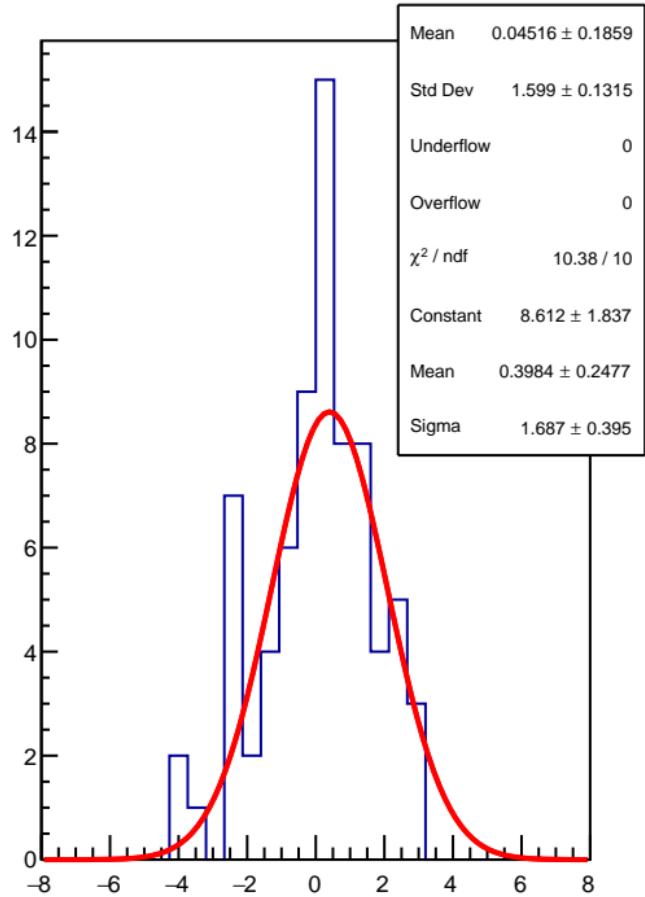
corr_usr_bpm4eY RMS (ppm)



corr_usr_bpm4aX (ppb)

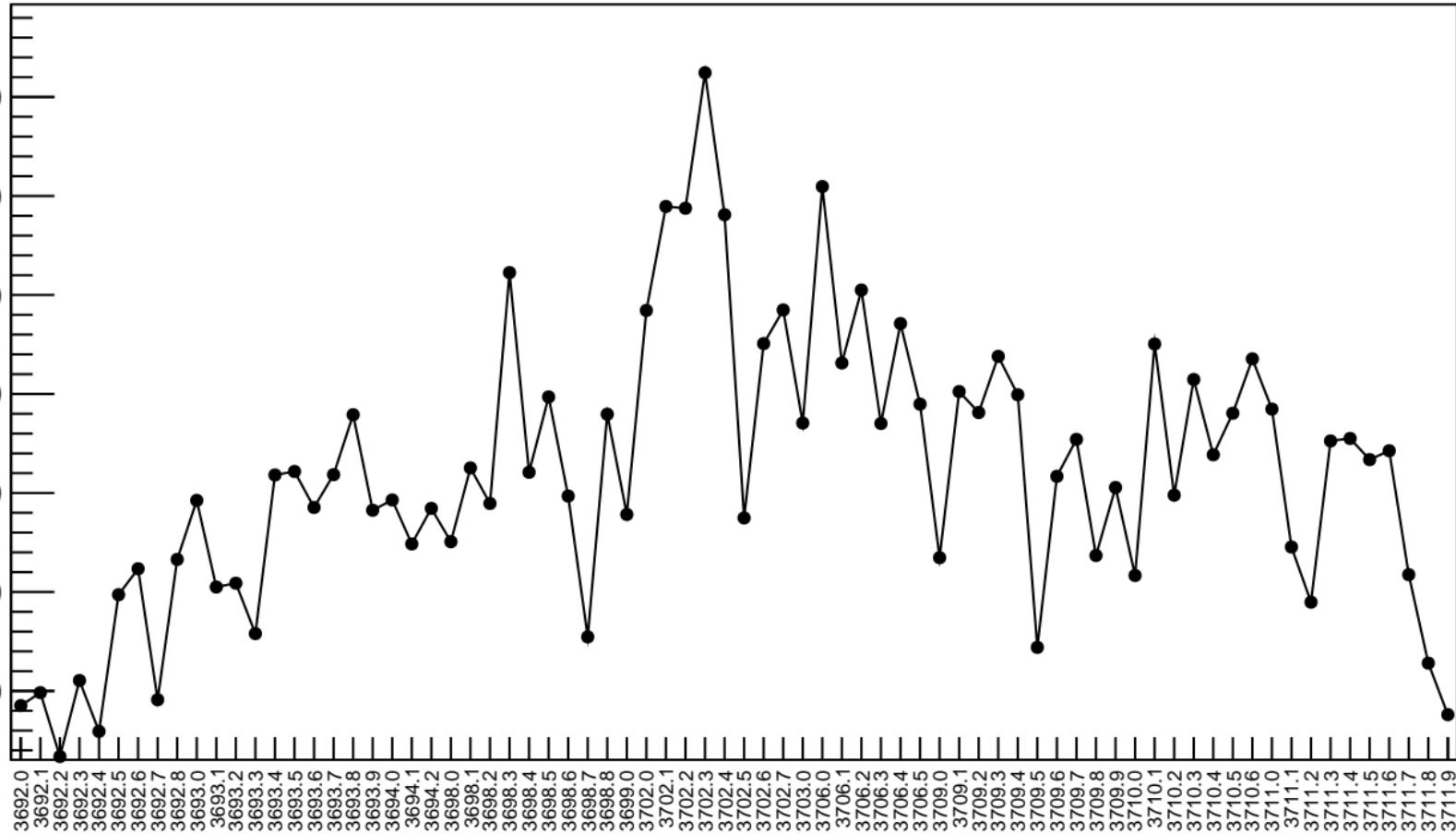


1D pull distribution

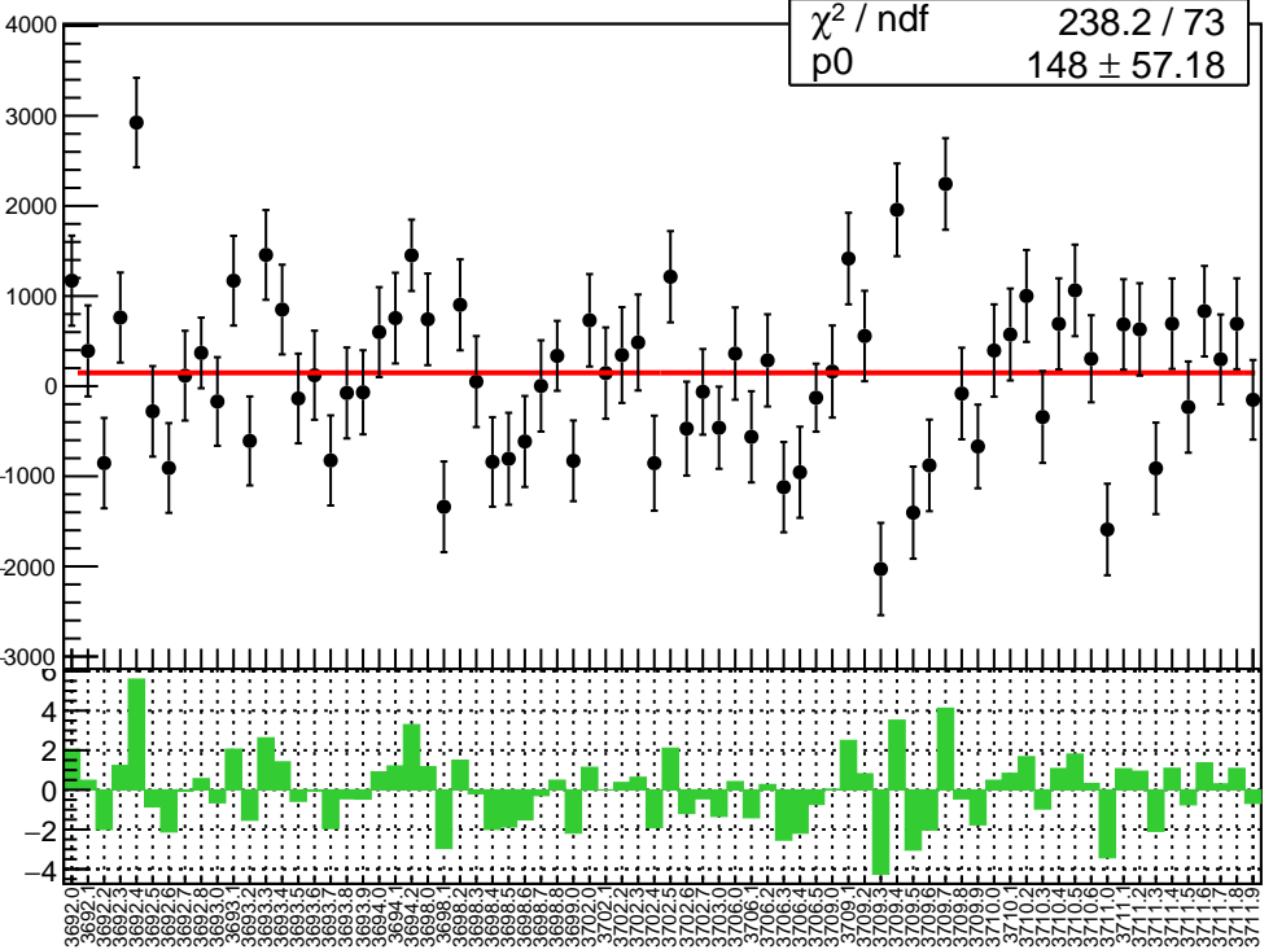


corr_usr_bpm4aX RMS (ppm)

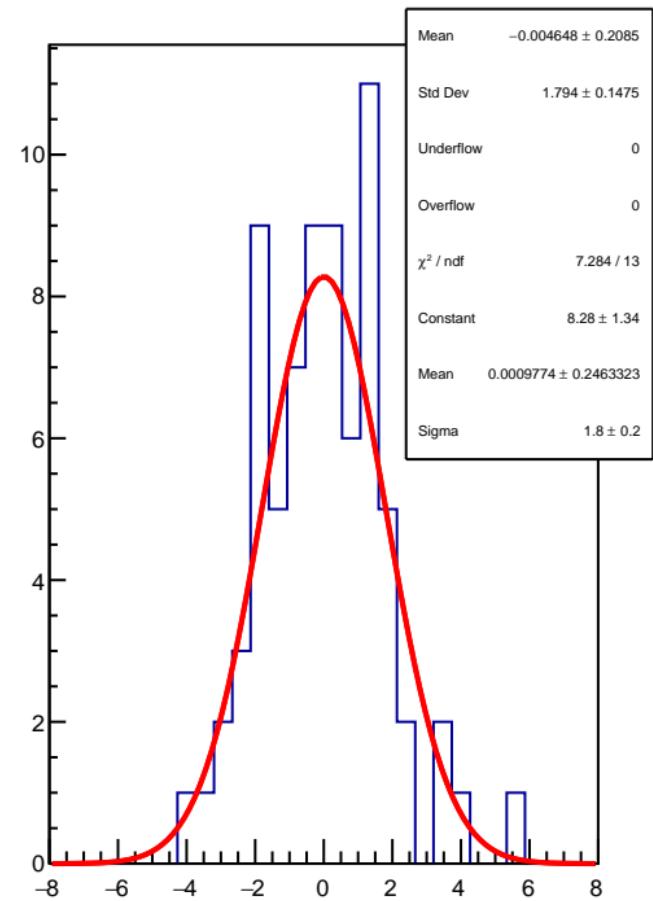
RMS (ppm)



corr_usr_bpm4aY (ppb)

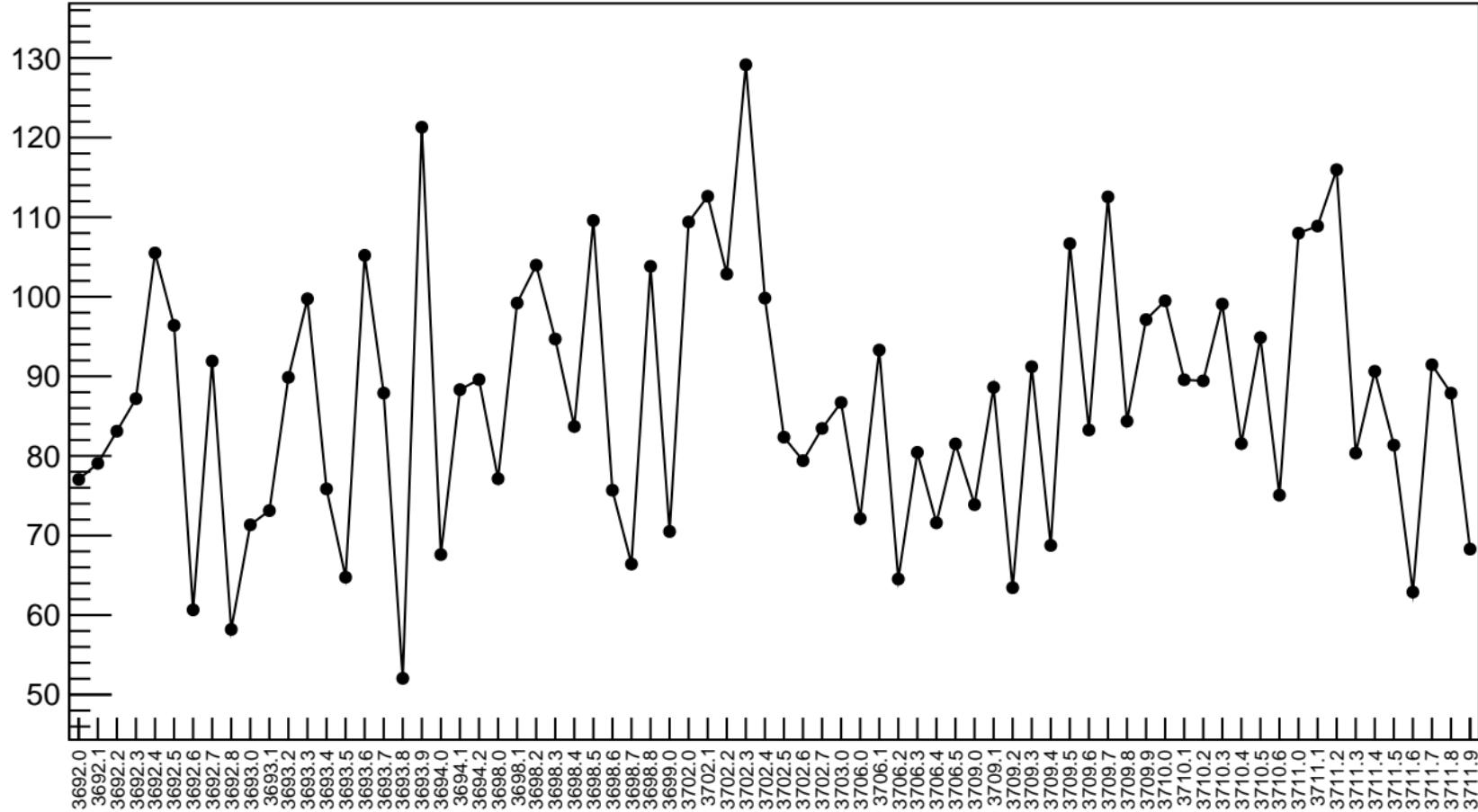


1D pull distribution

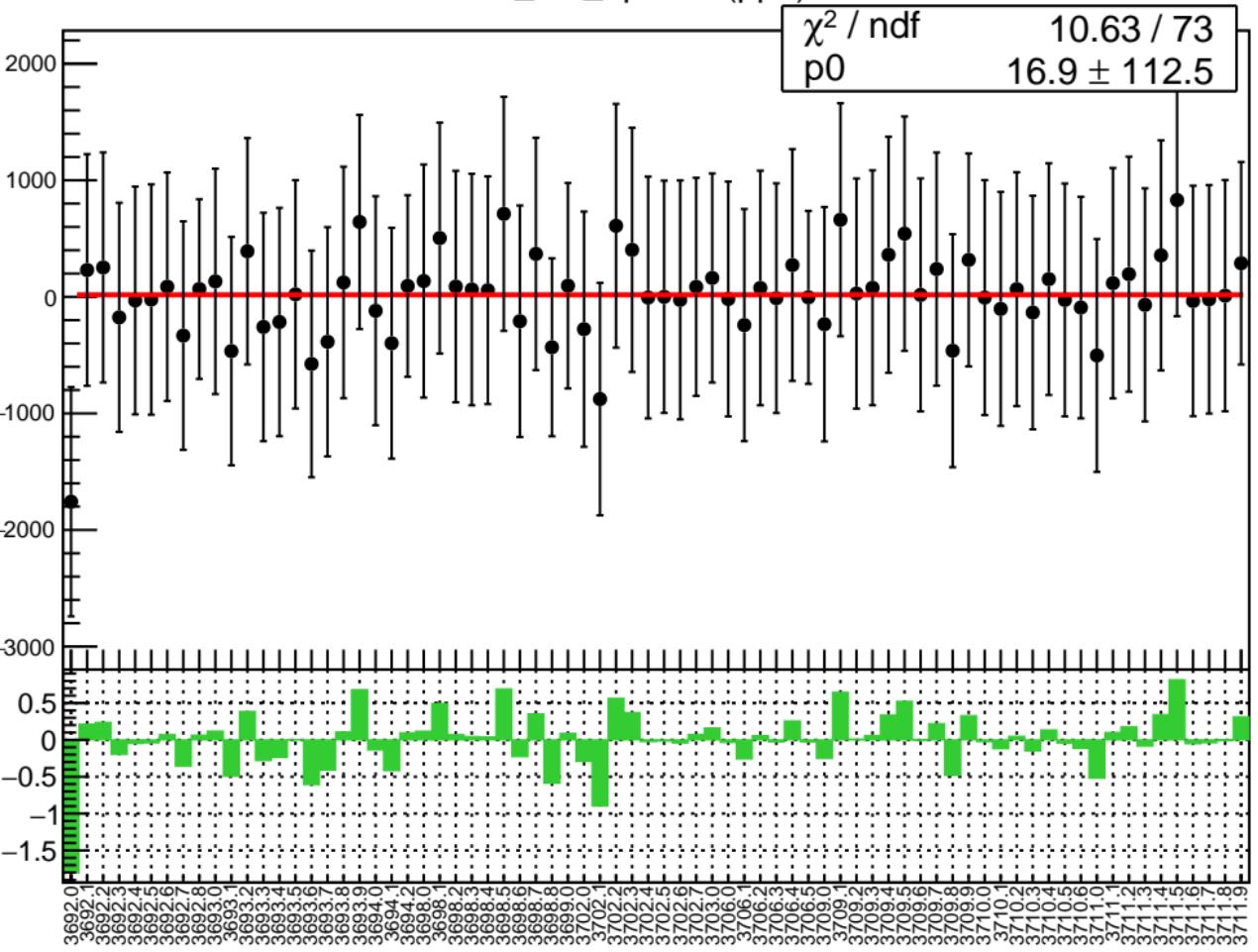


corr_usr_bpm4aY RMS (ppm)

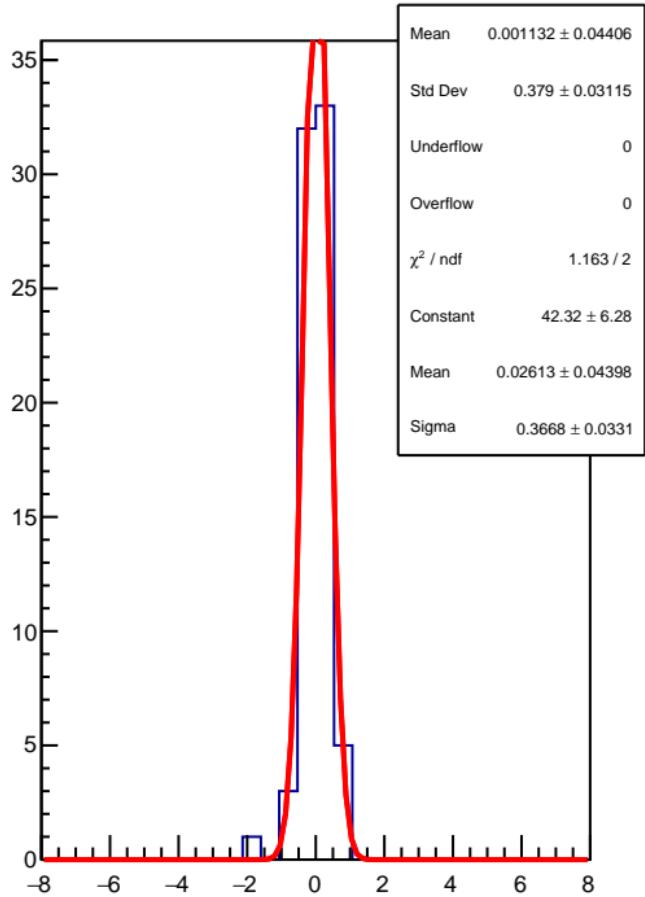
RMS (ppm)



corr_usr_bpm1X (ppb)

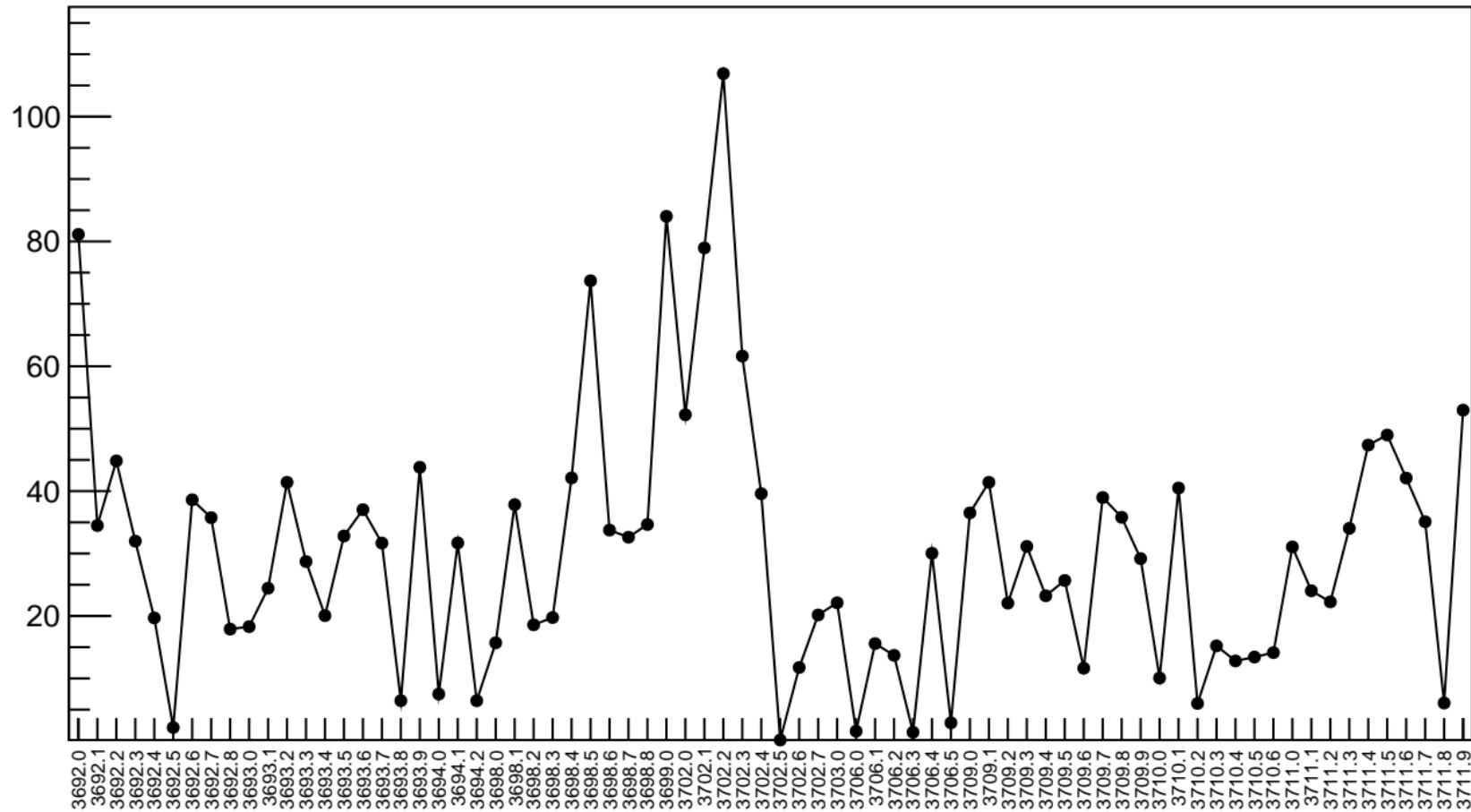


1D pull distribution



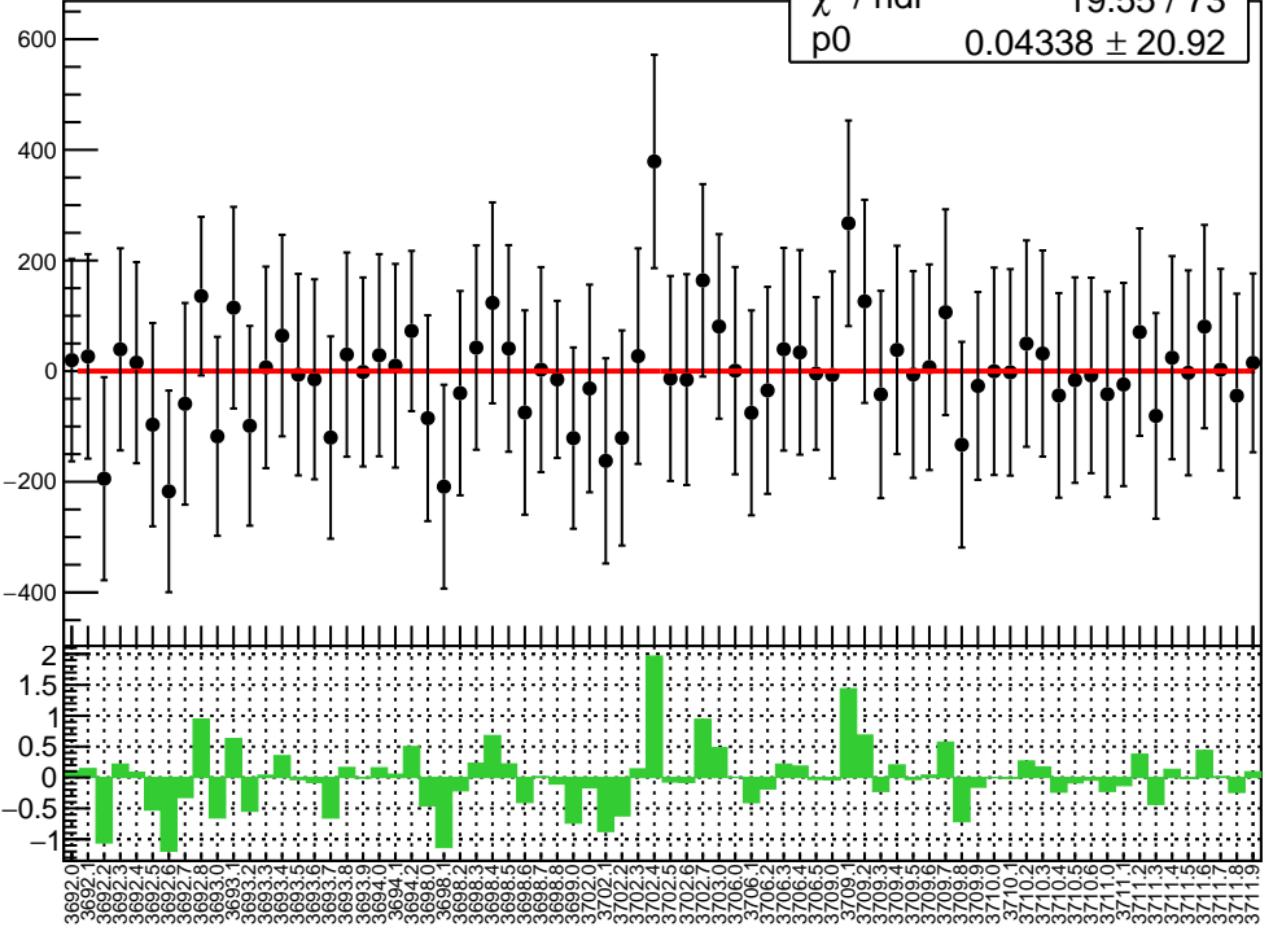
corr_usr_bpm1X RMS (ppm)

RMS (ppm)

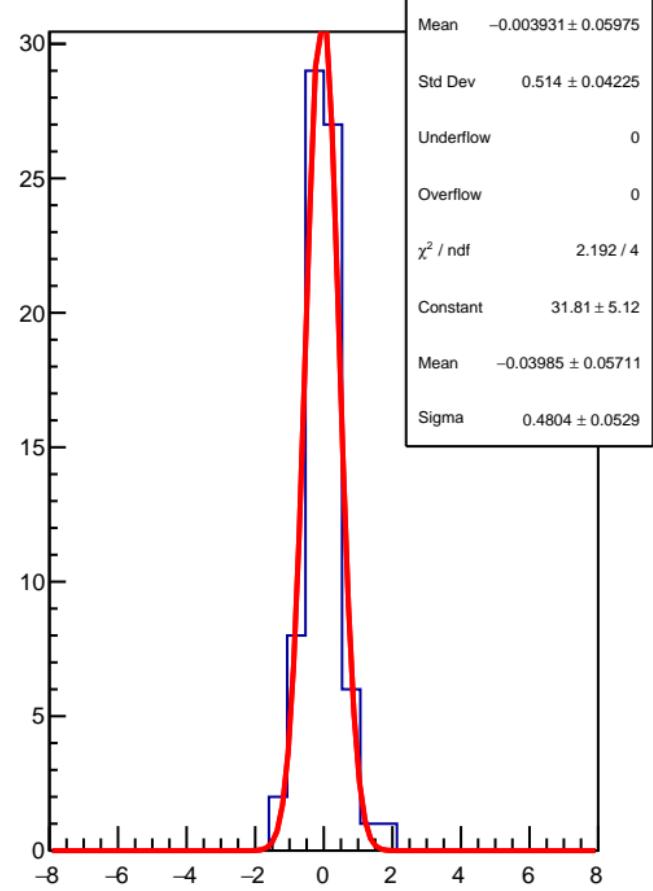


corr_usr_bpm1Y (ppb)

χ^2 / ndf 19.55 / 73
 p_0 0.04338 ± 20.92

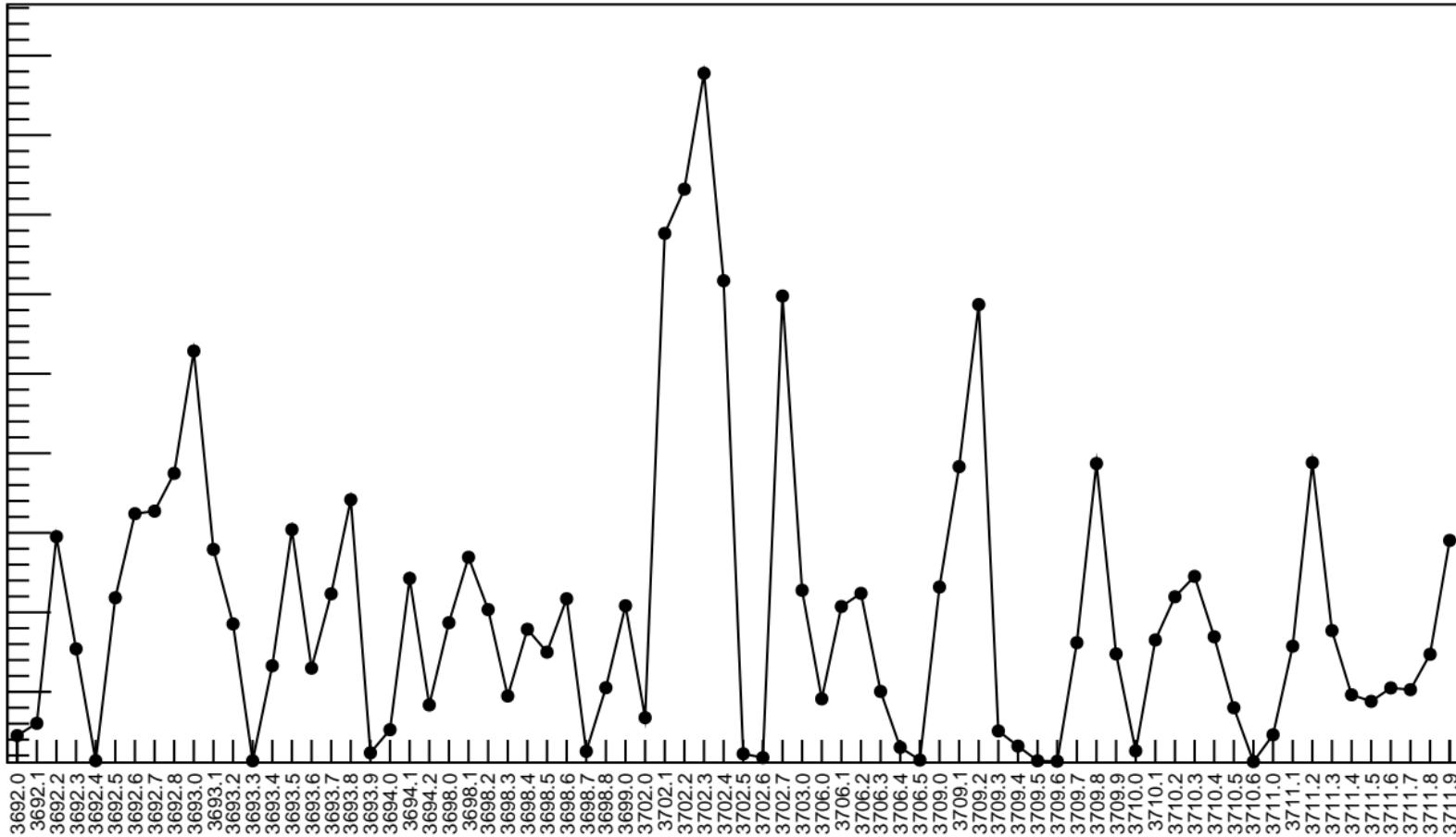


1D pull distribution



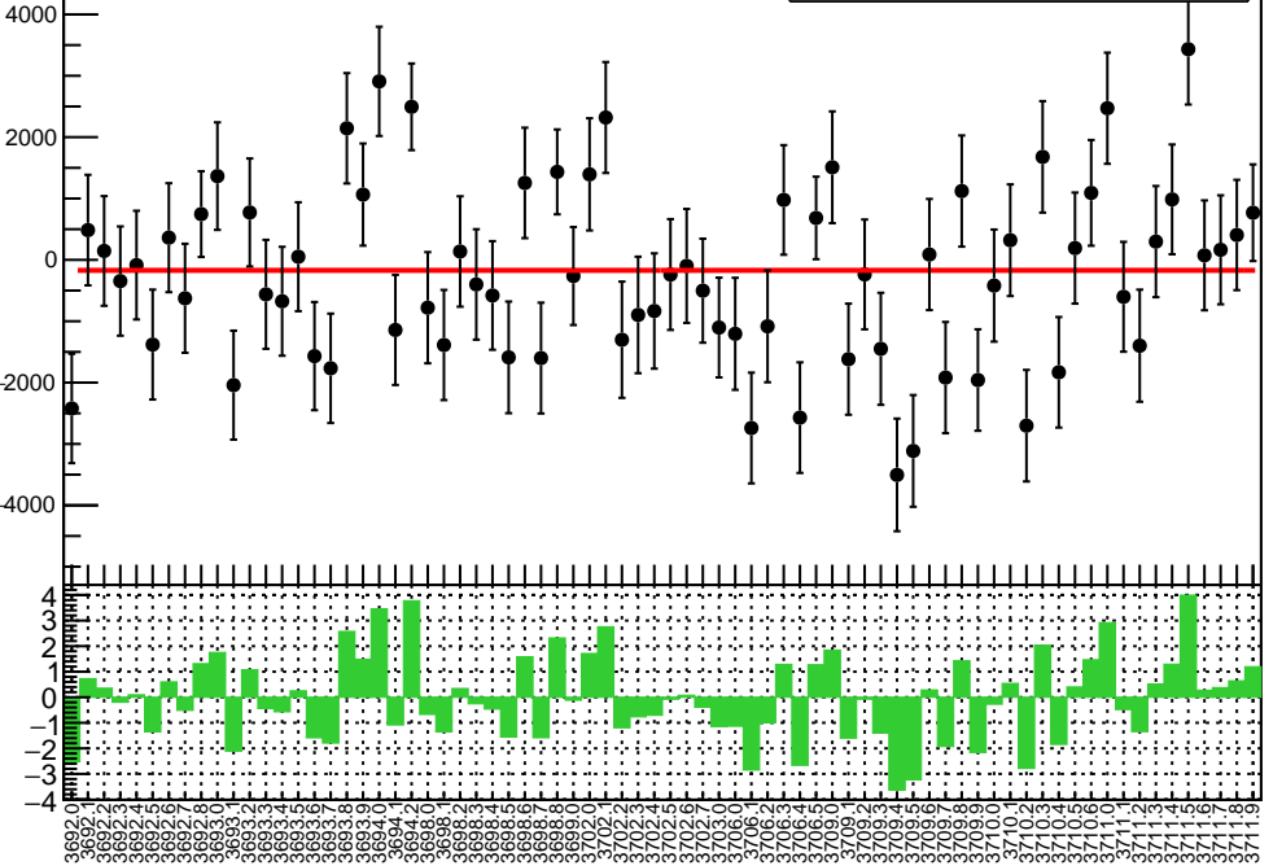
corr_usr_bpm1Y RMS (ppm)

RMS (ppm)

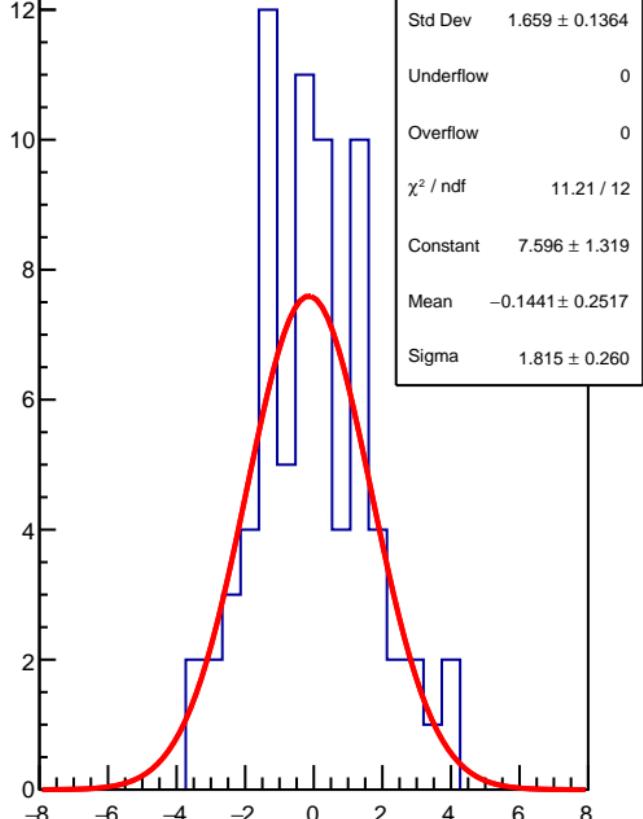


corr_usr_bpm16X (ppb)

χ^2 / ndf 203.8 / 73
p0 -171 ± 102

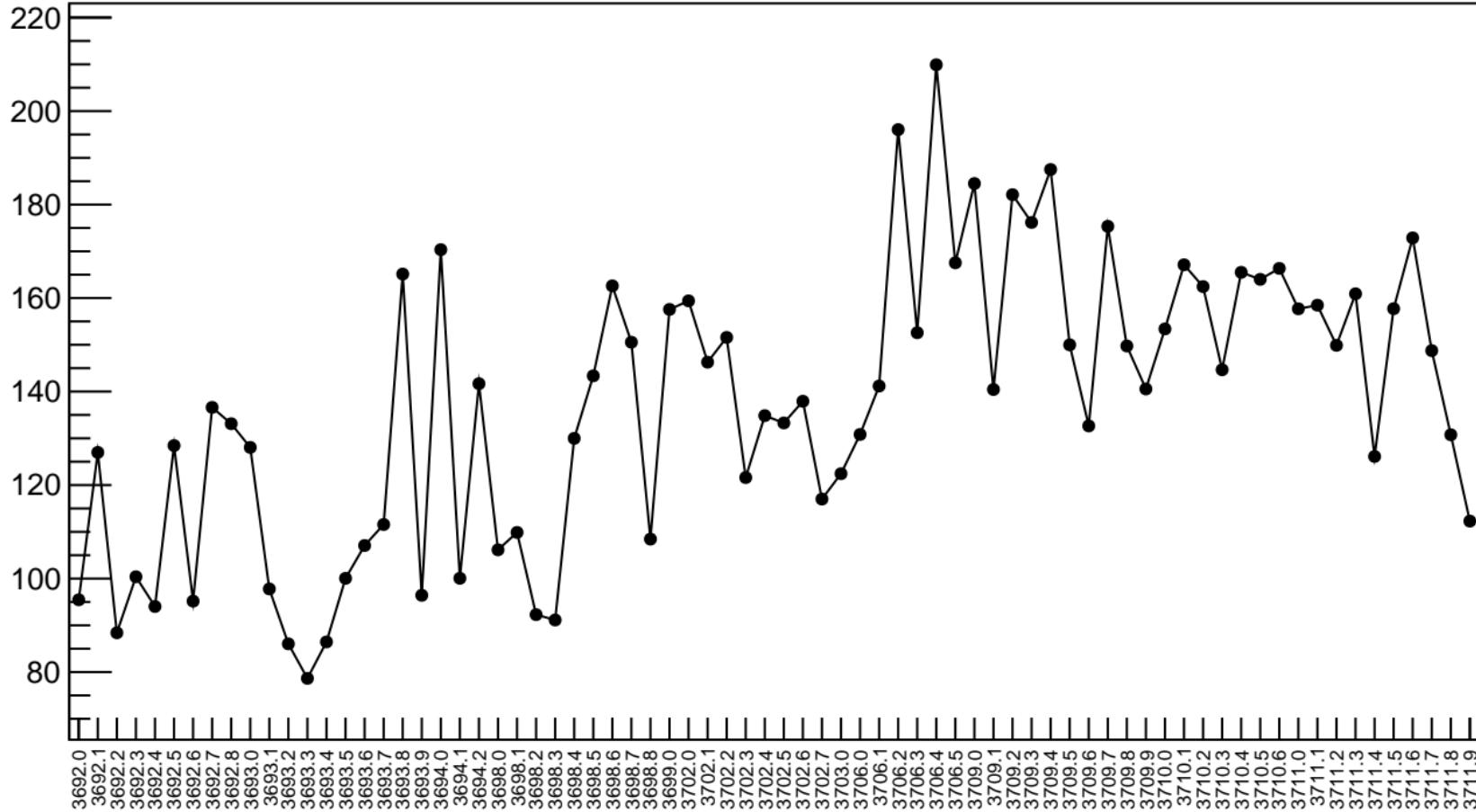


1D pull distribution



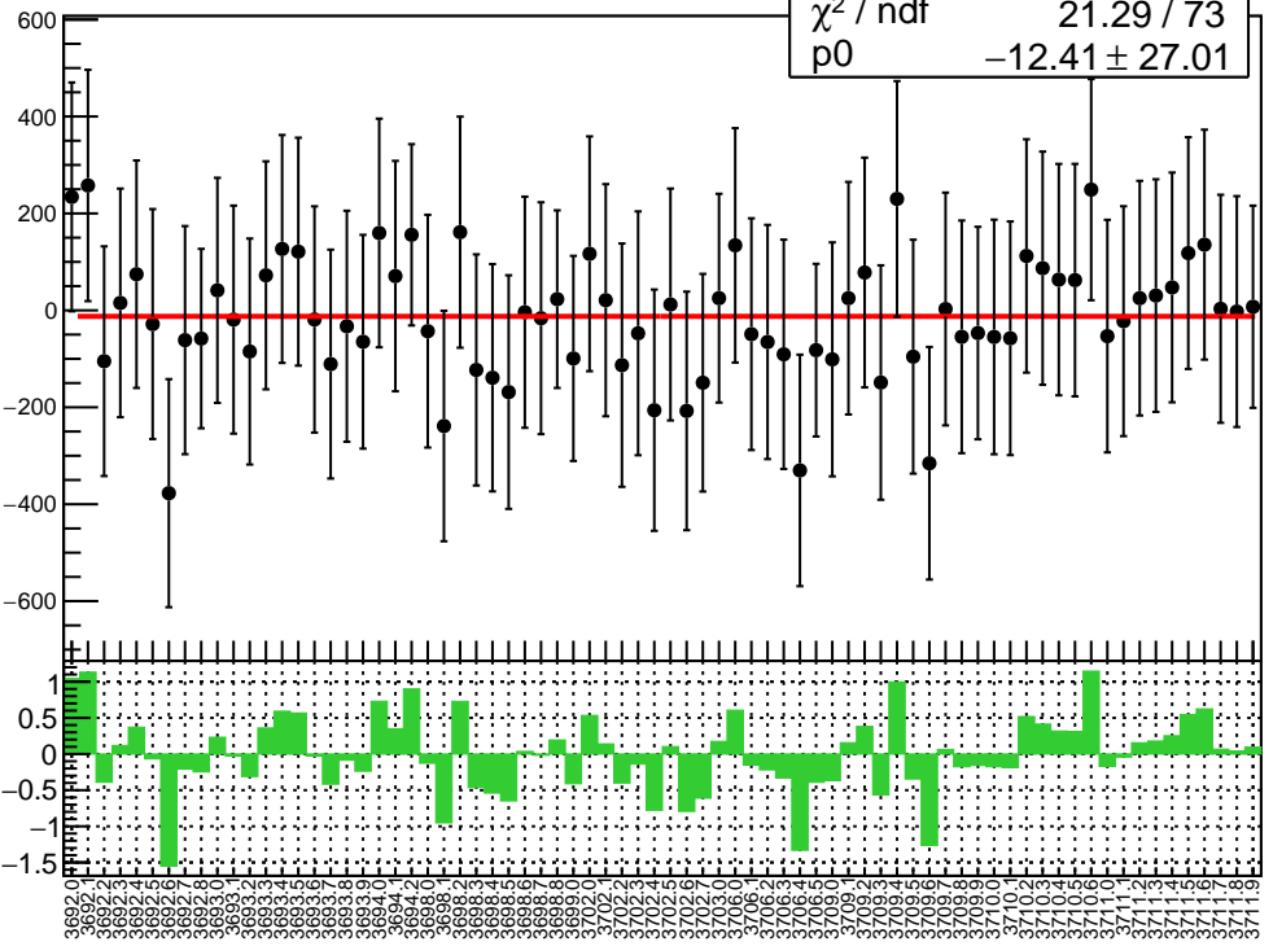
corr_usr_bpm16X RMS (ppm)

RMS (ppm)

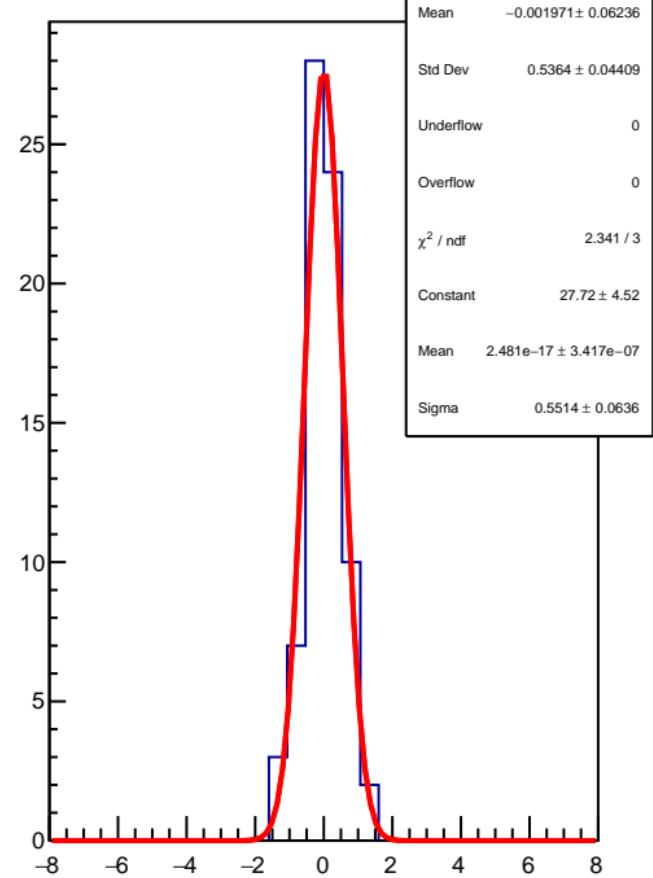


corr_usr_bpm16Y (ppb)

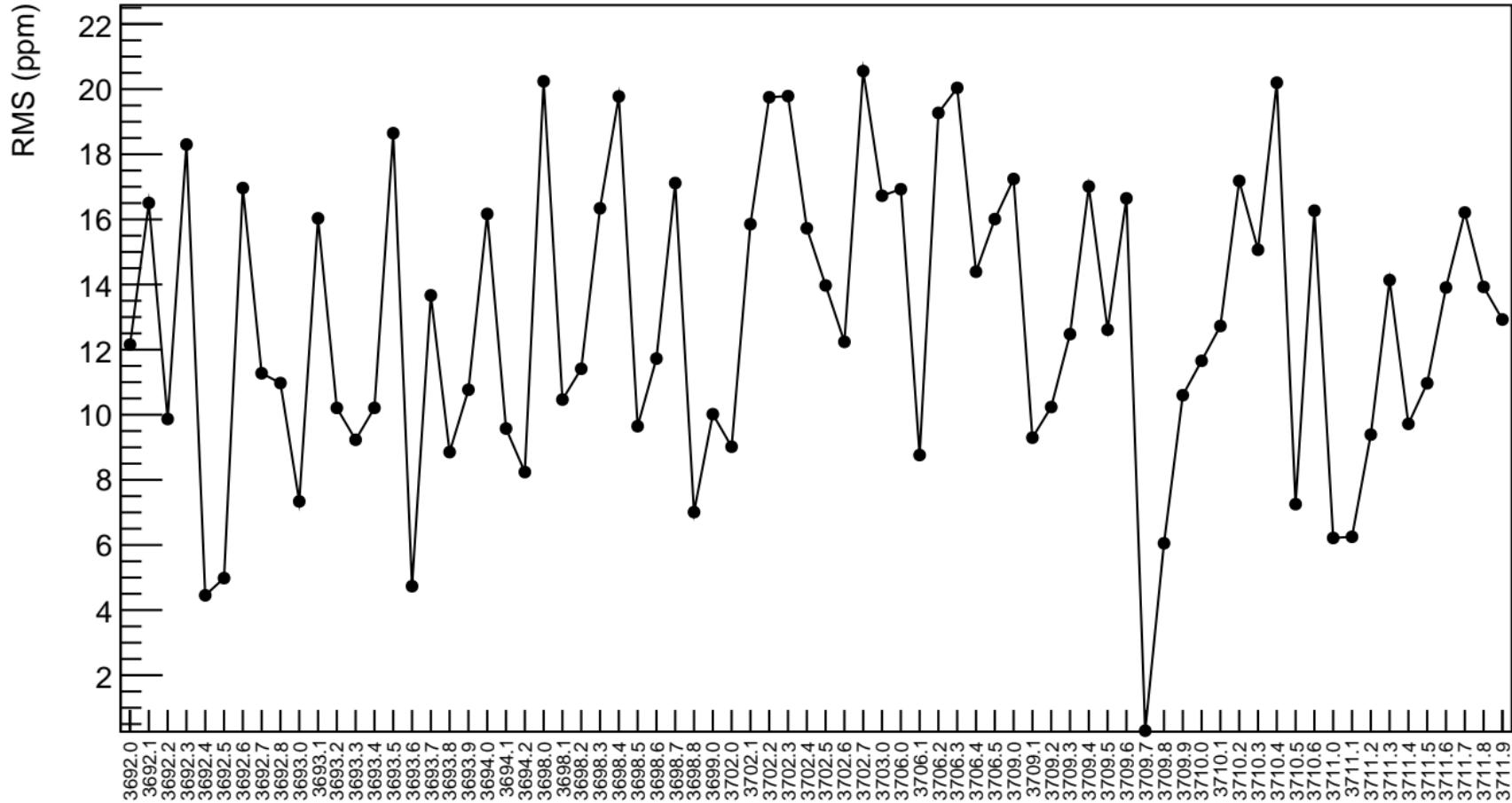
χ^2 / ndf 21.29 / 73
p0 -12.41 ± 27.01



1D pull distribution

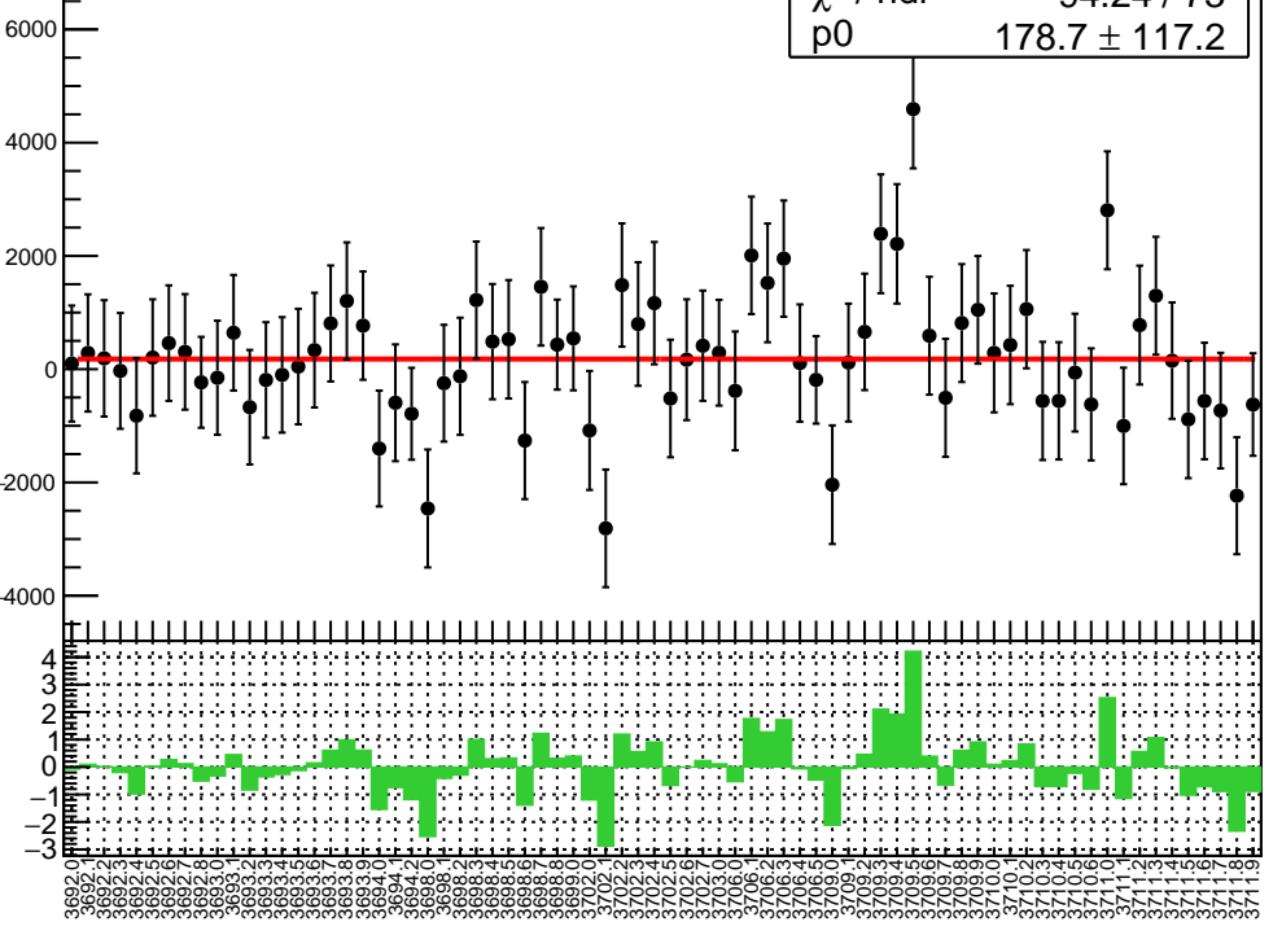


corr_usr_bpm16Y RMS (ppm)

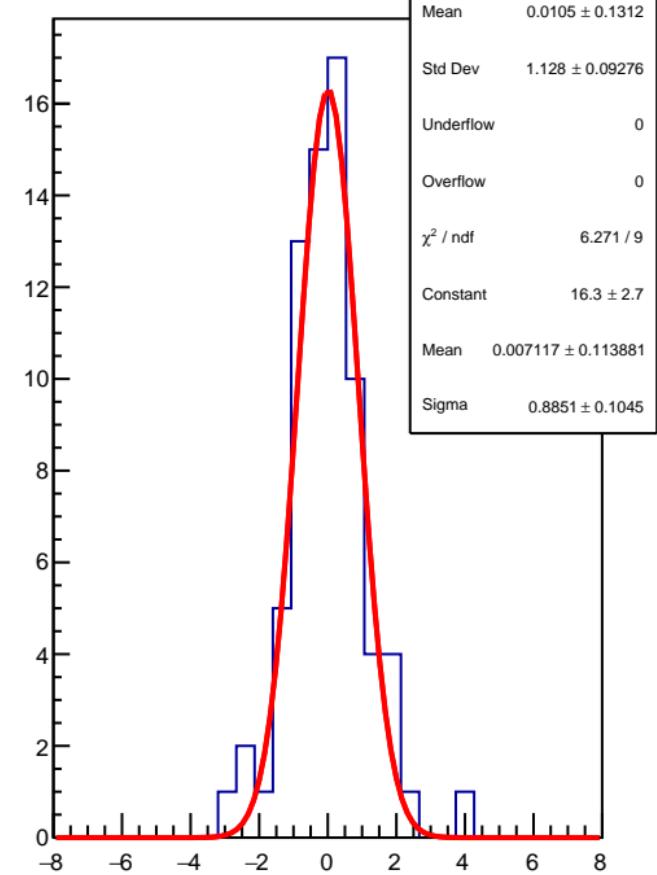


corr_usr_bpm12X (ppb)

χ^2 / ndf 94.24 / 73
p0 178.7 ± 117.2

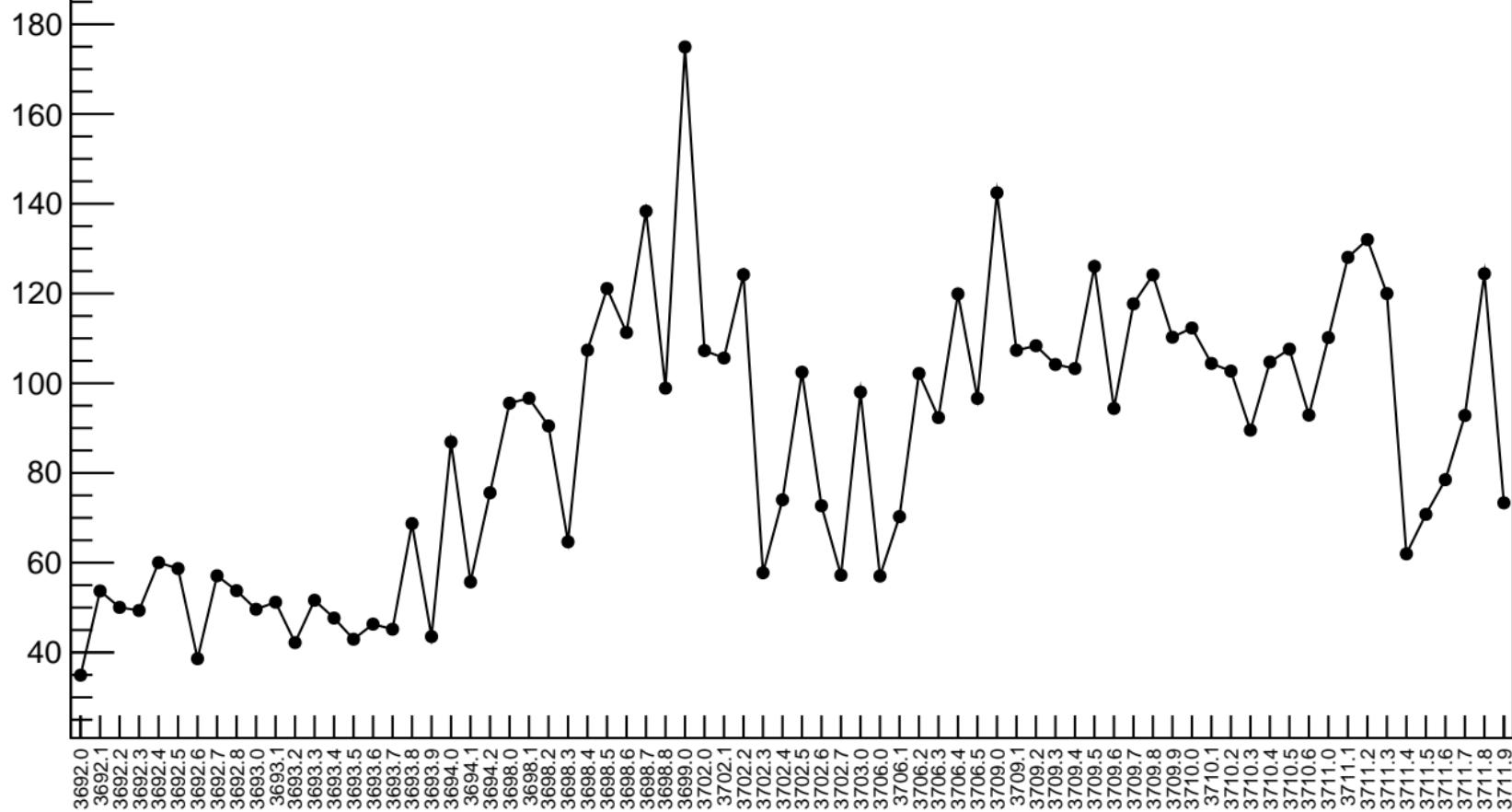


1D pull distribution

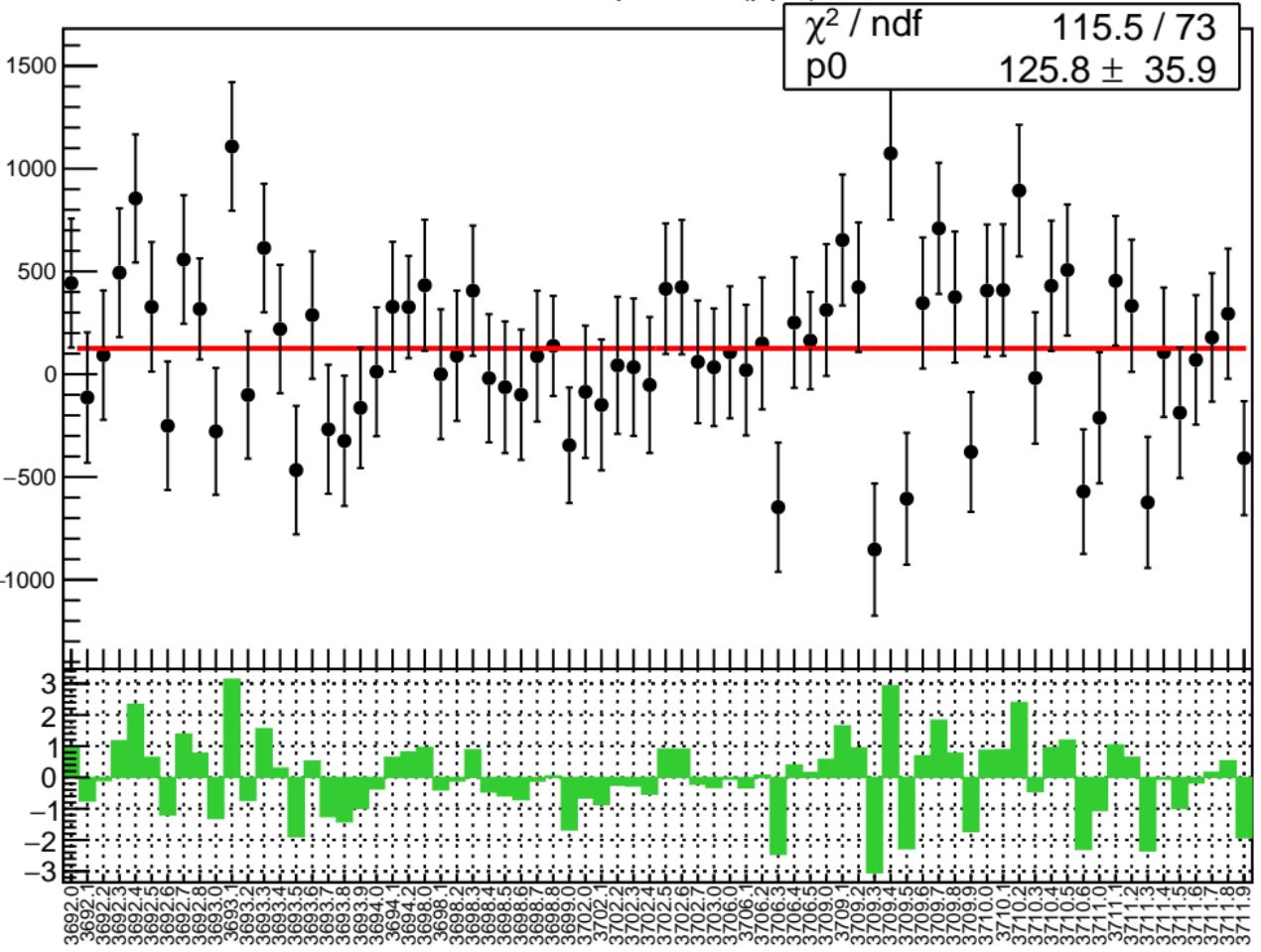


corr_usr_bpm12X RMS (ppm)

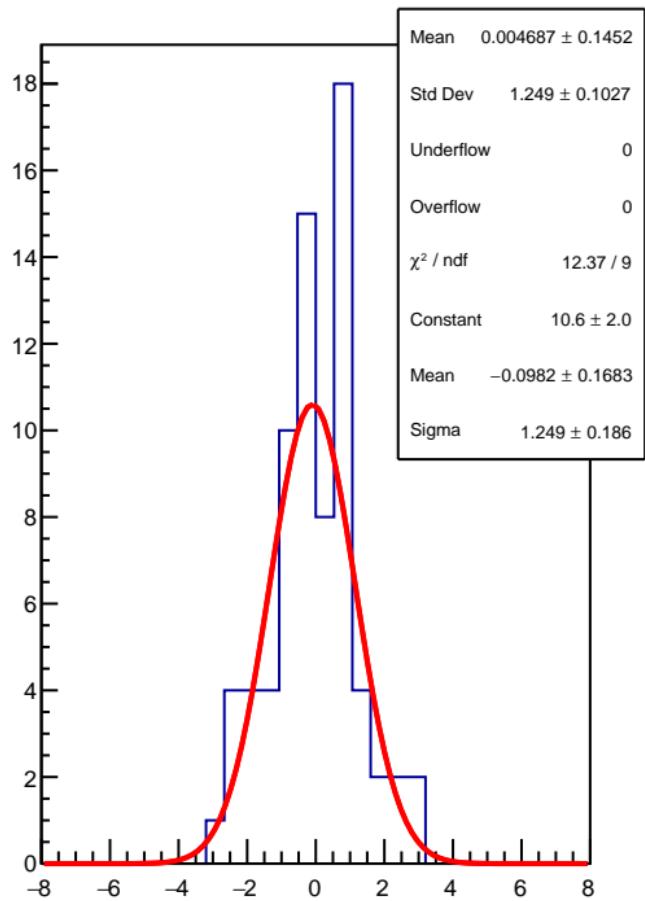
RMS (ppm)



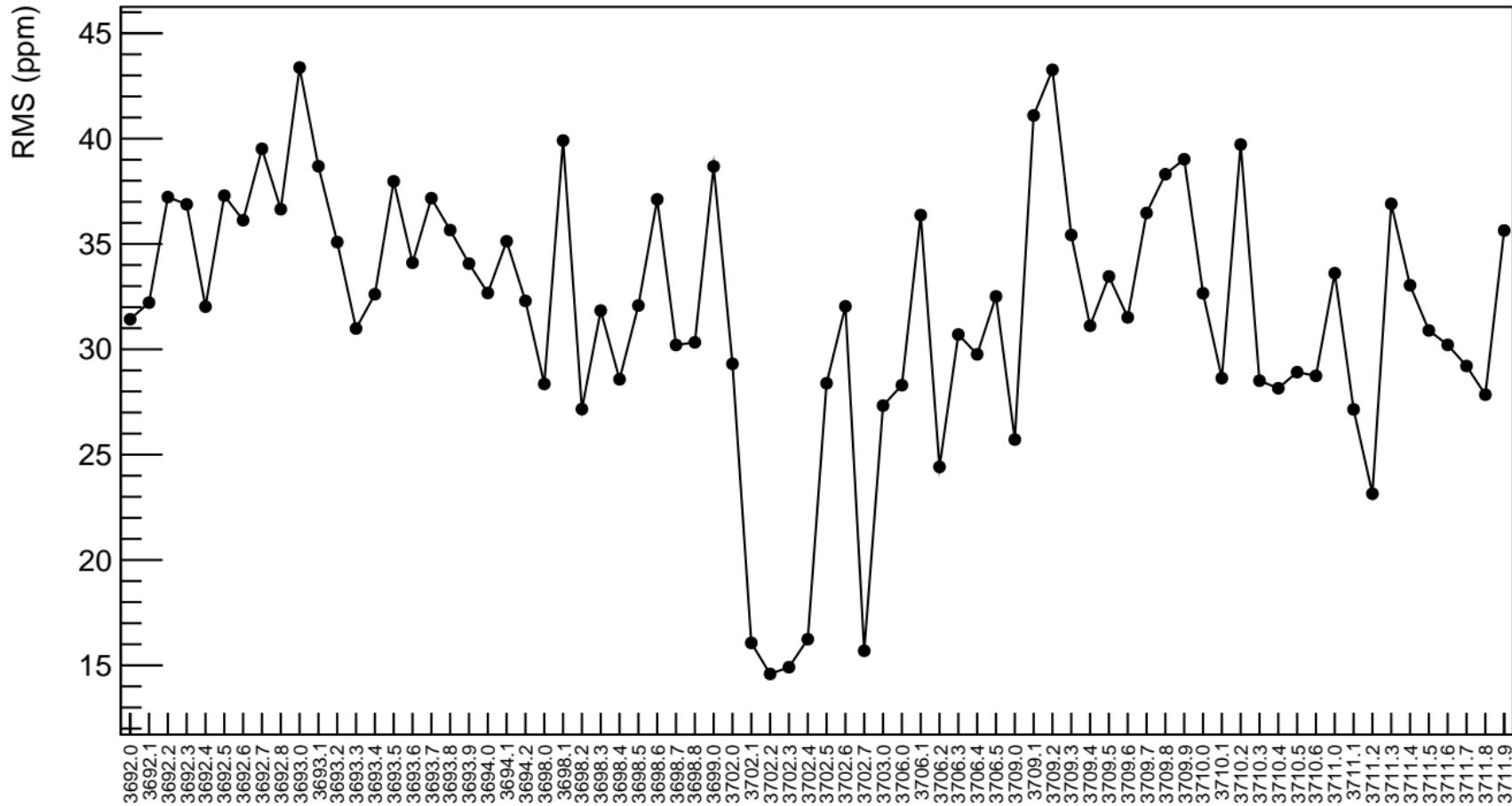
corr_usr_bpm12Y (ppb)

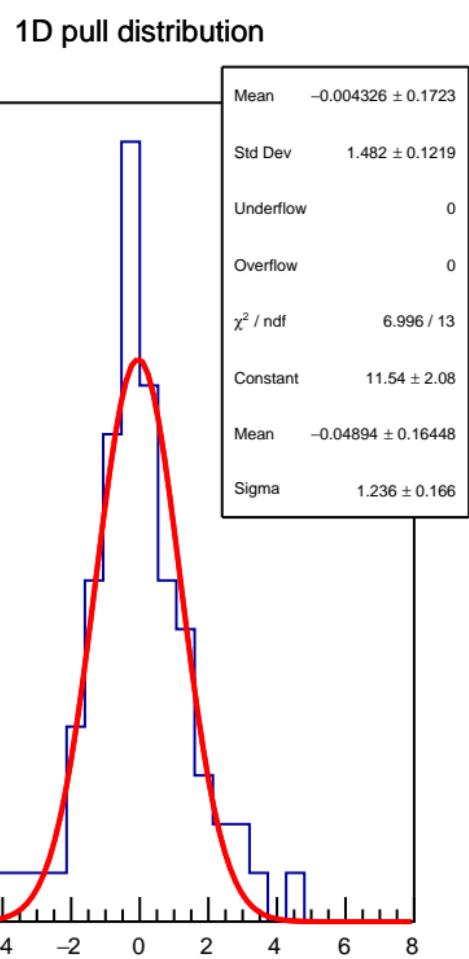
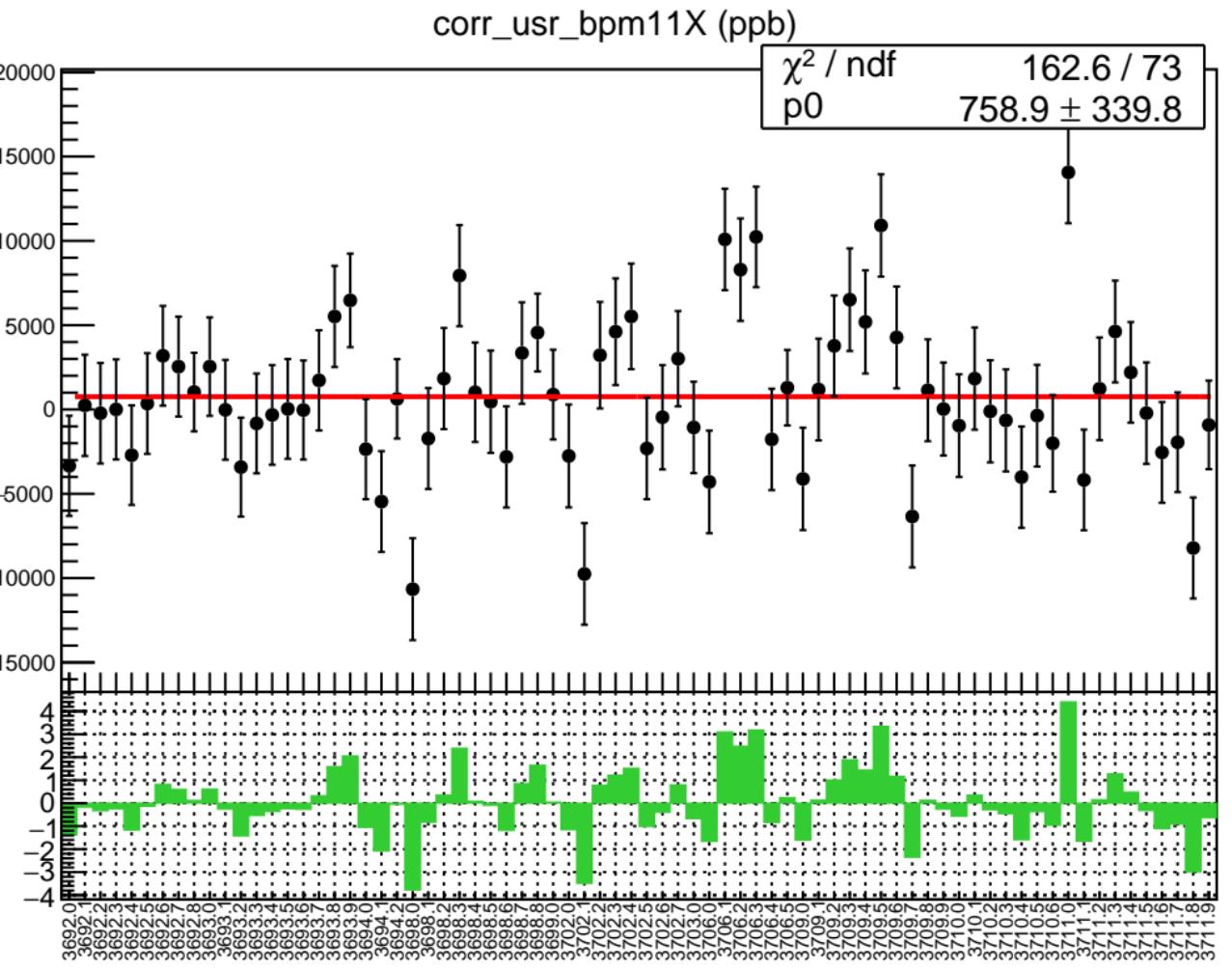


1D pull distribution



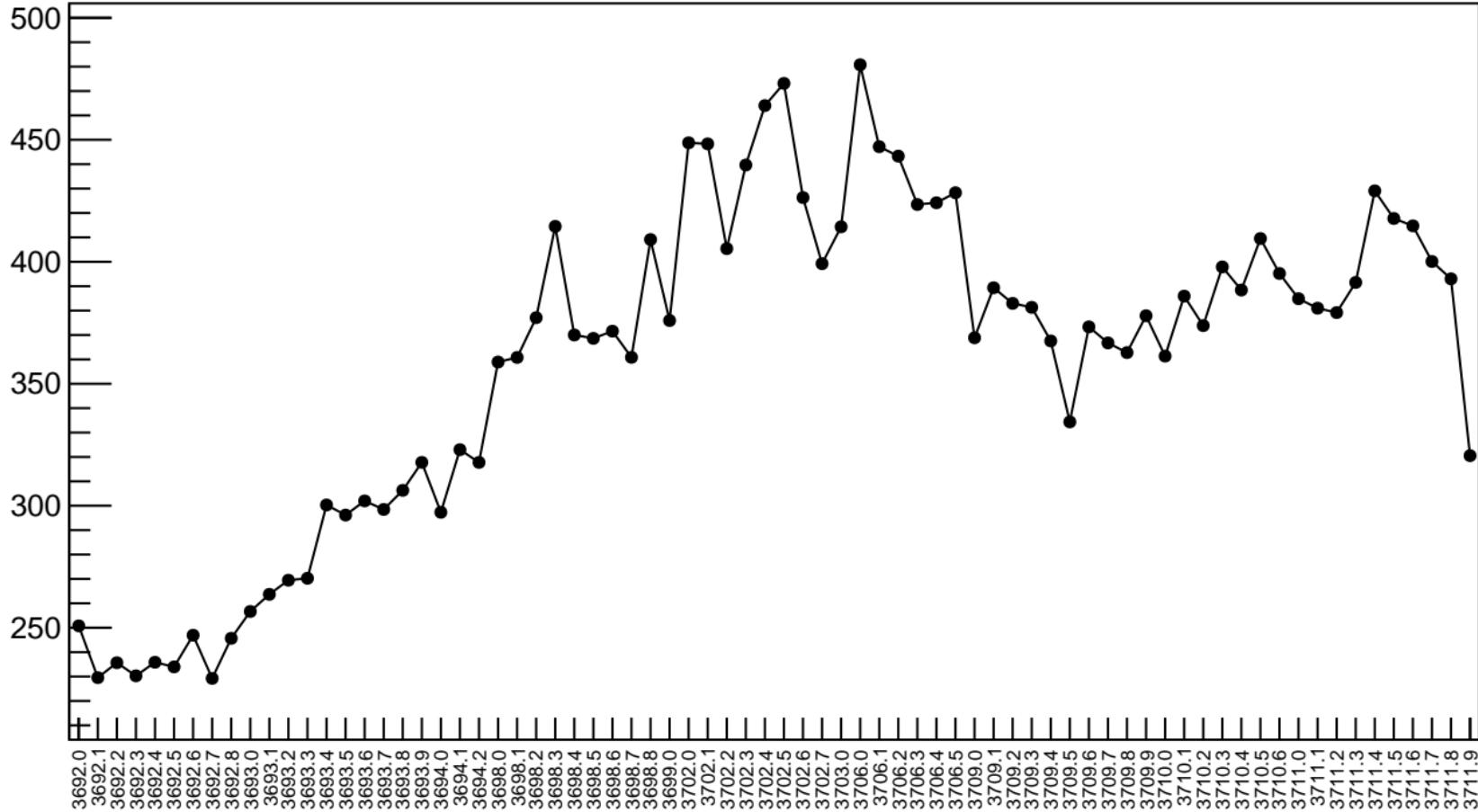
corr_usr_bpm12Y RMS (ppm)



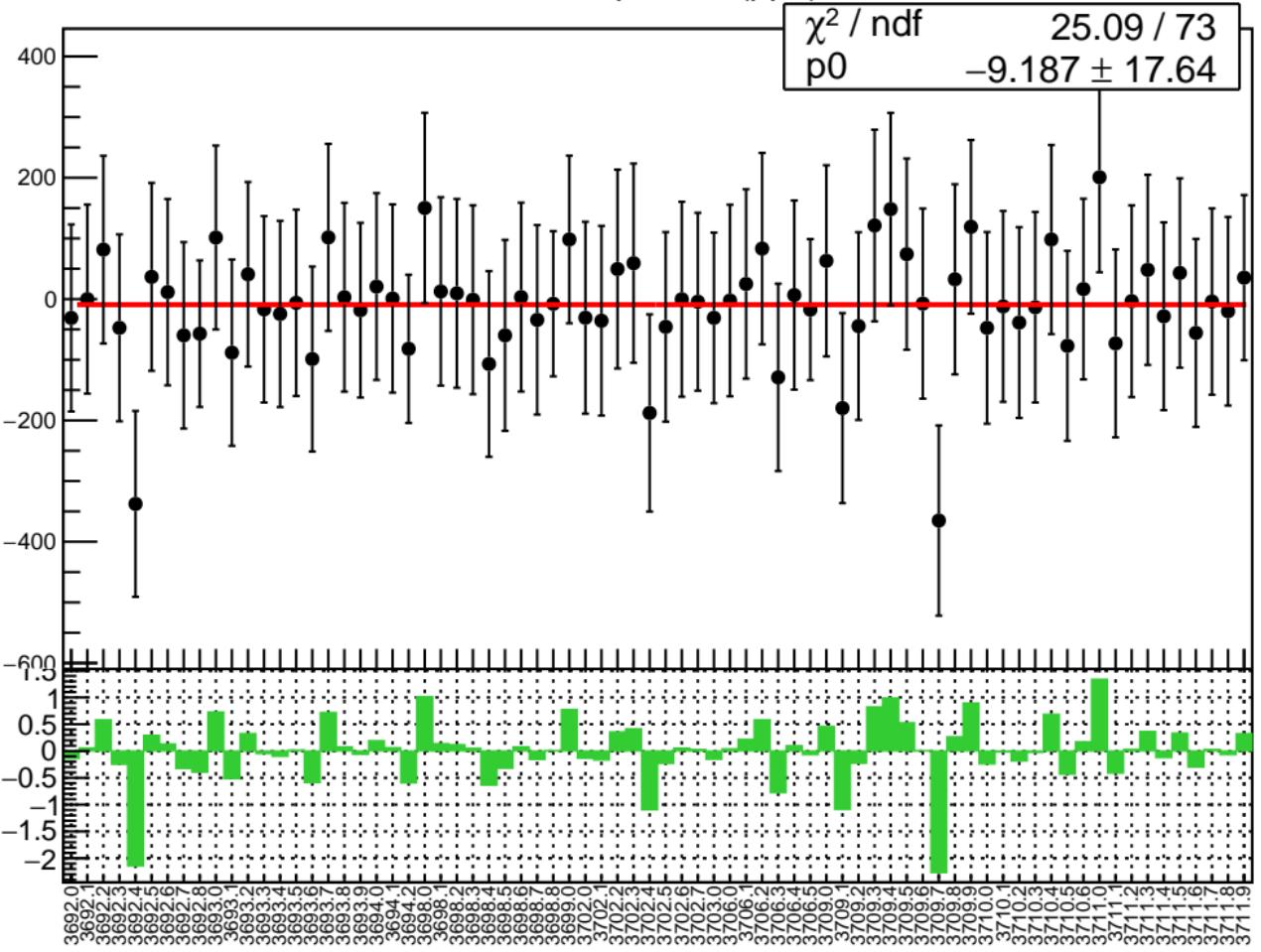


corr_usr_bpm11X RMS (ppm)

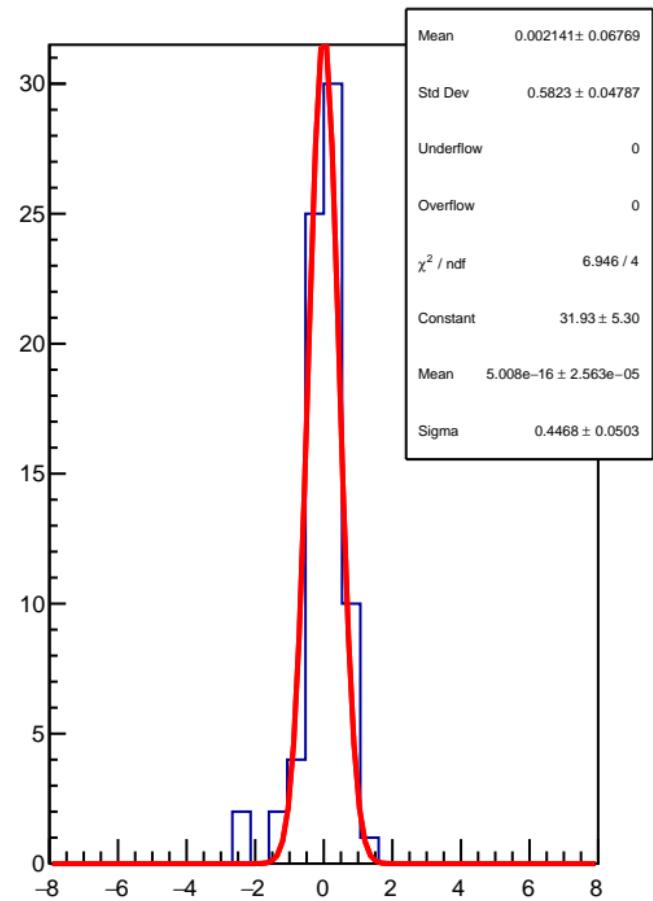
RMS (ppm)



corr_usr_bpm11Y (ppb)

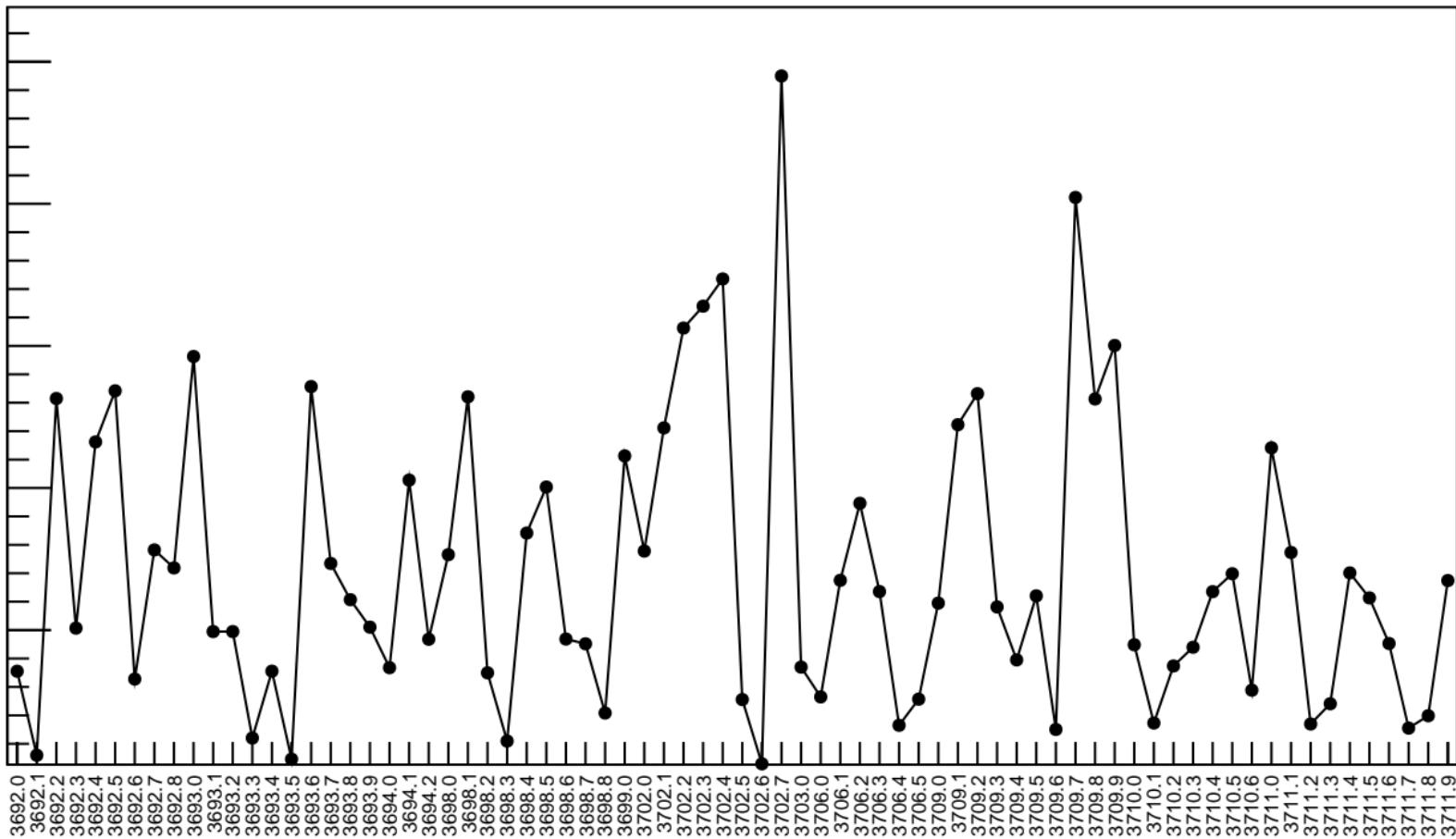


1D pull distribution

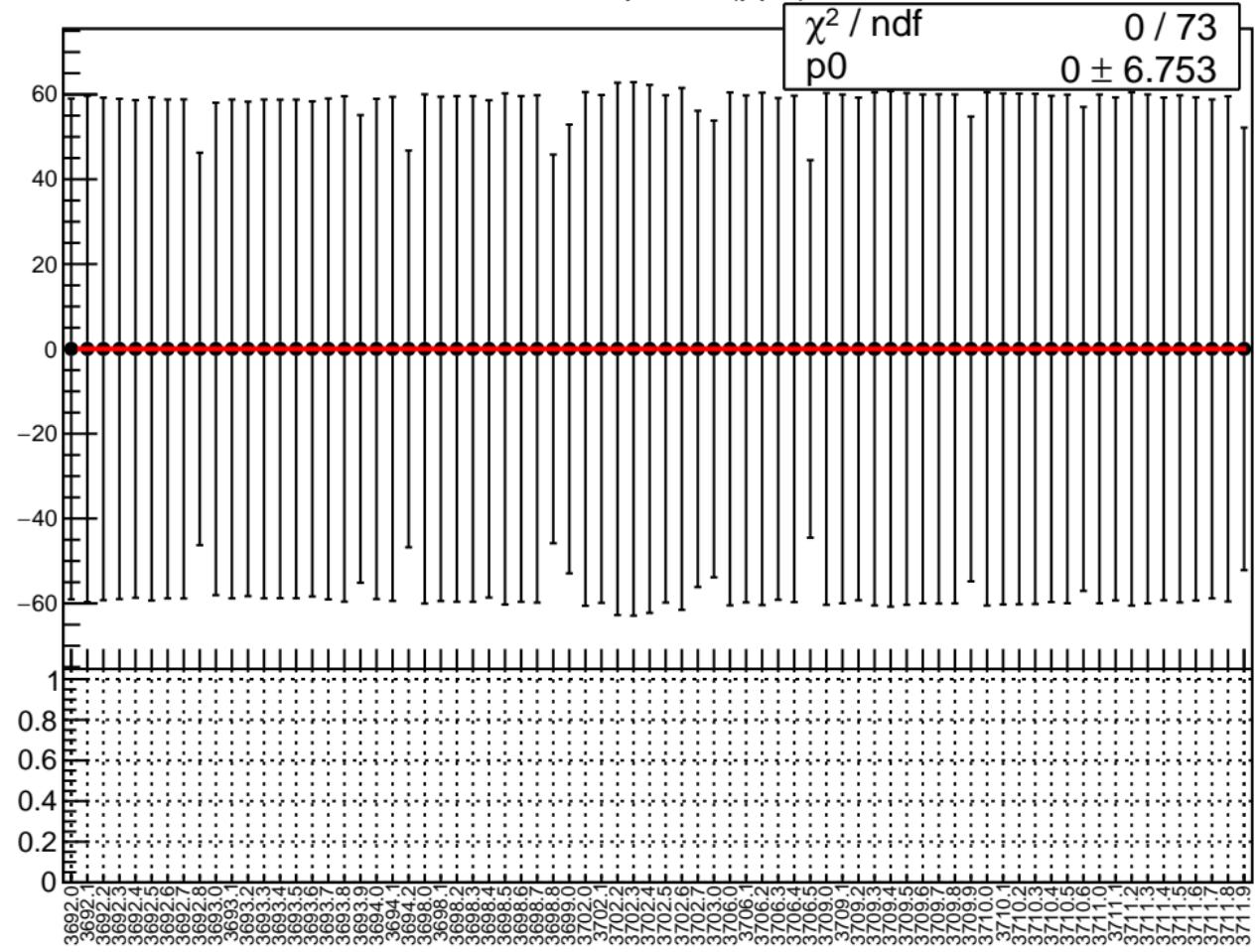


corr_usr_bpm11Y RMS (ppm)

RMS (ppm)

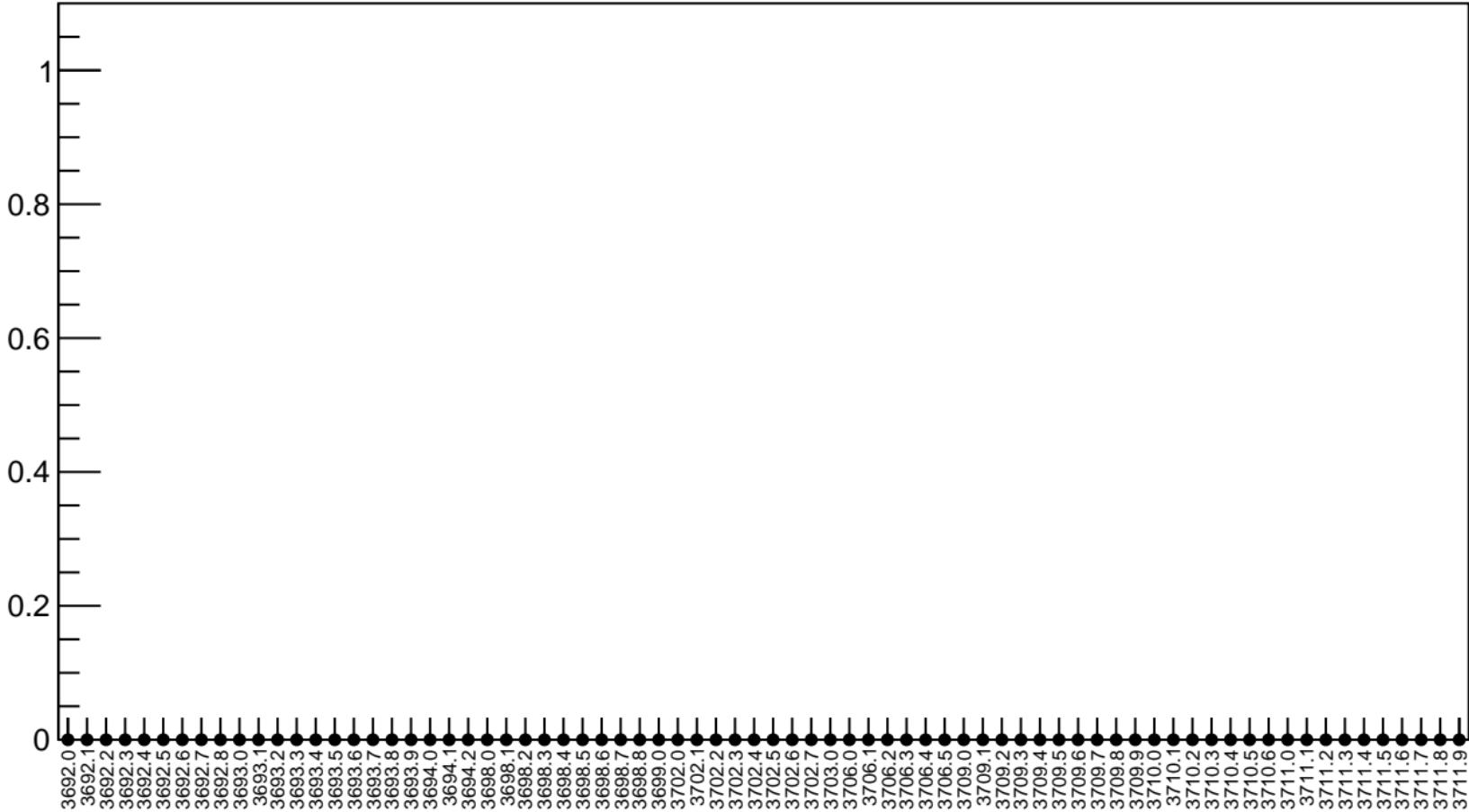


corr_usr_bpm8X (ppb)

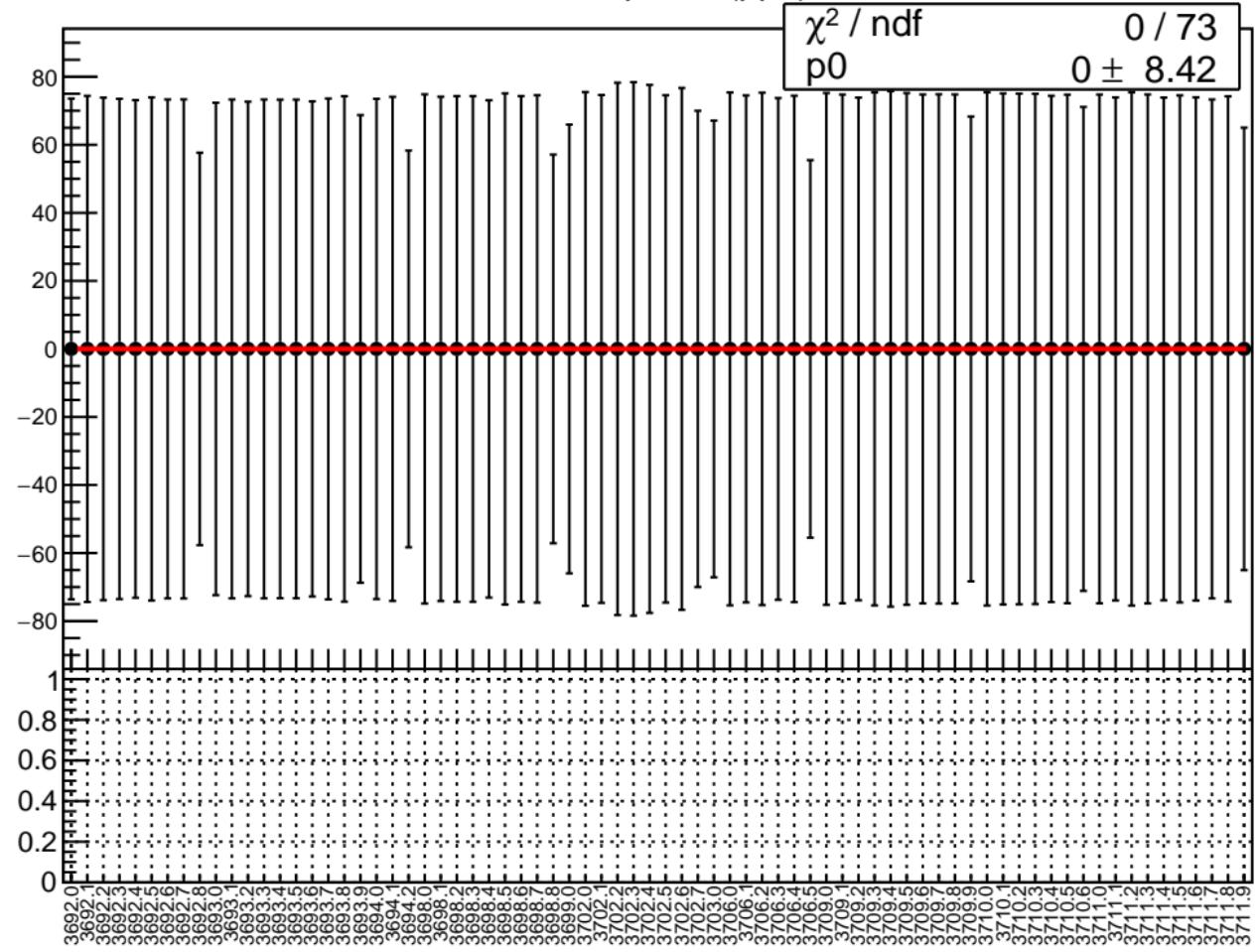


corr_usr_bpm8X RMS (ppm)

RMS (ppm)



corr_usr_bpm8Y (ppb)



corr_usr_bpm8Y RMS (ppm)

RMS (ppm)

