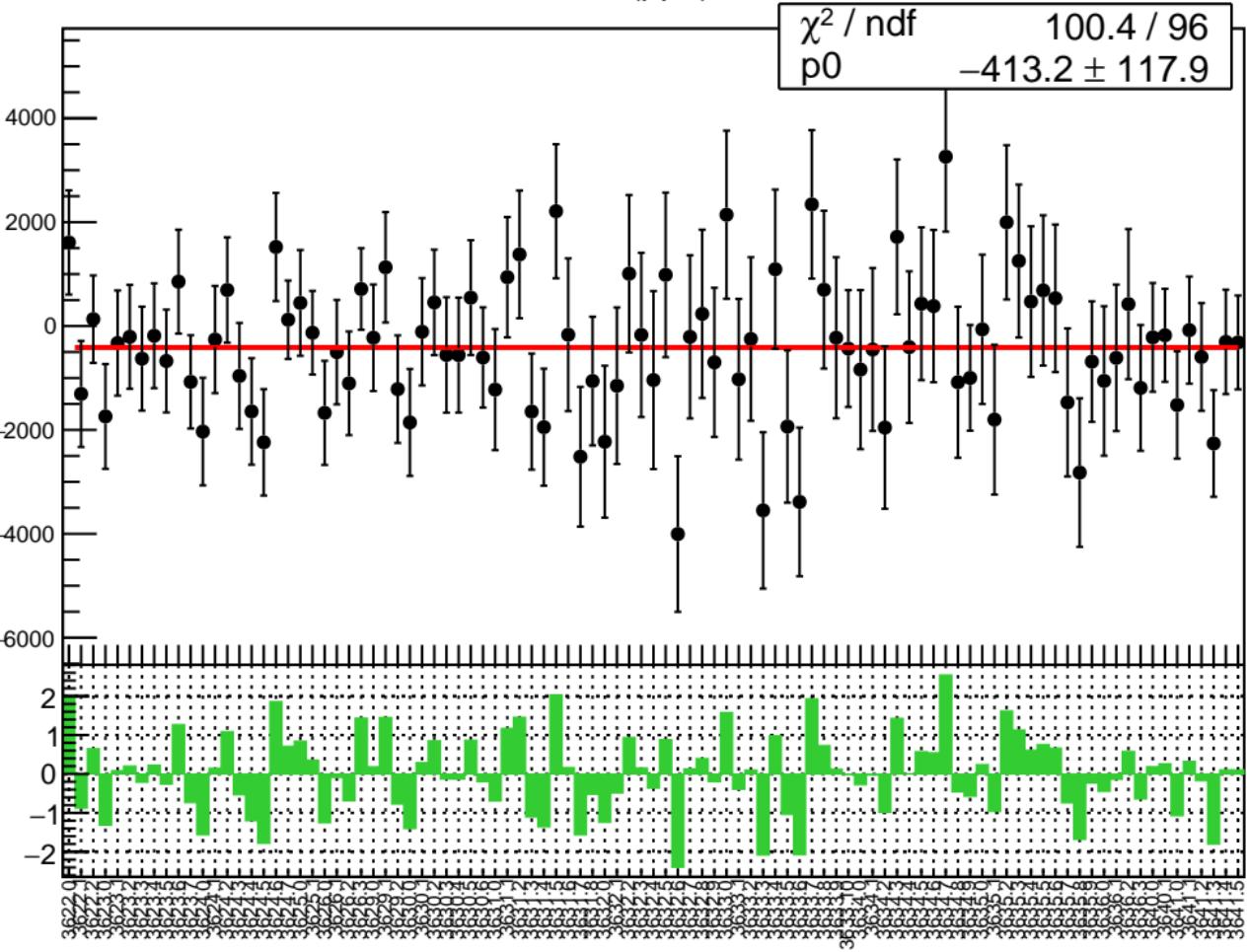
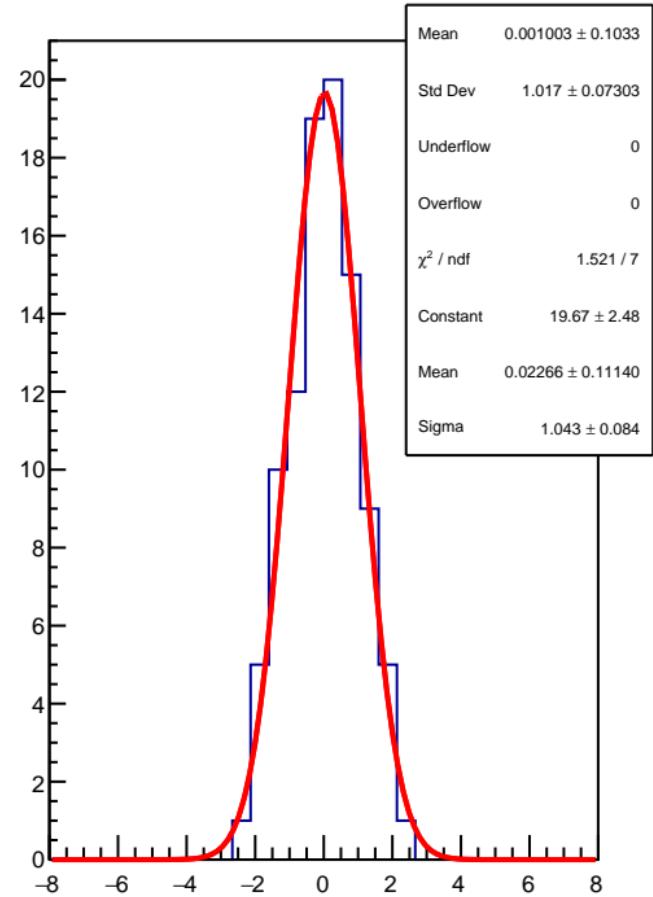


Adet (ppb)

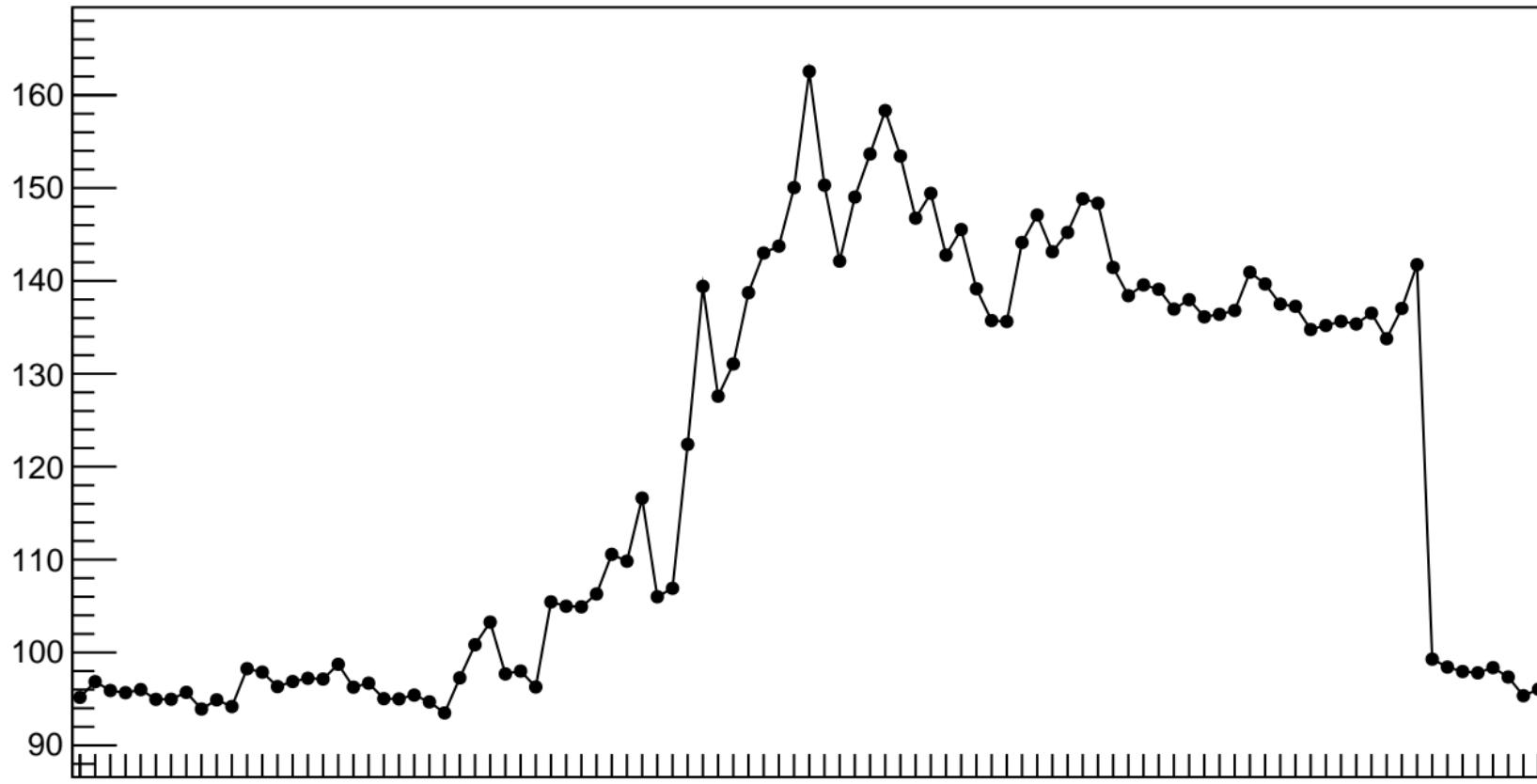


1D pull distribution



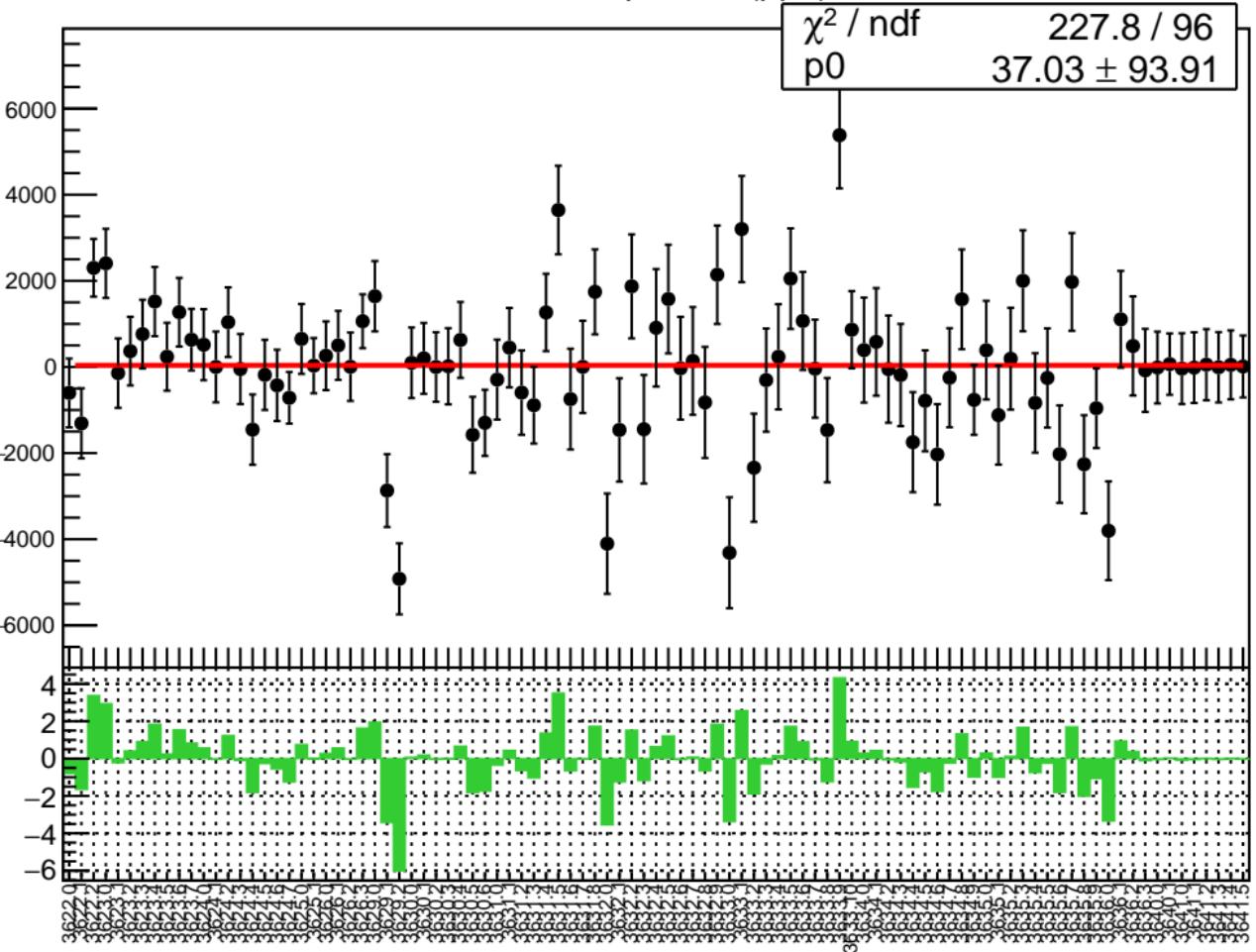
Adet RMS (ppm)

RMS (ppm)

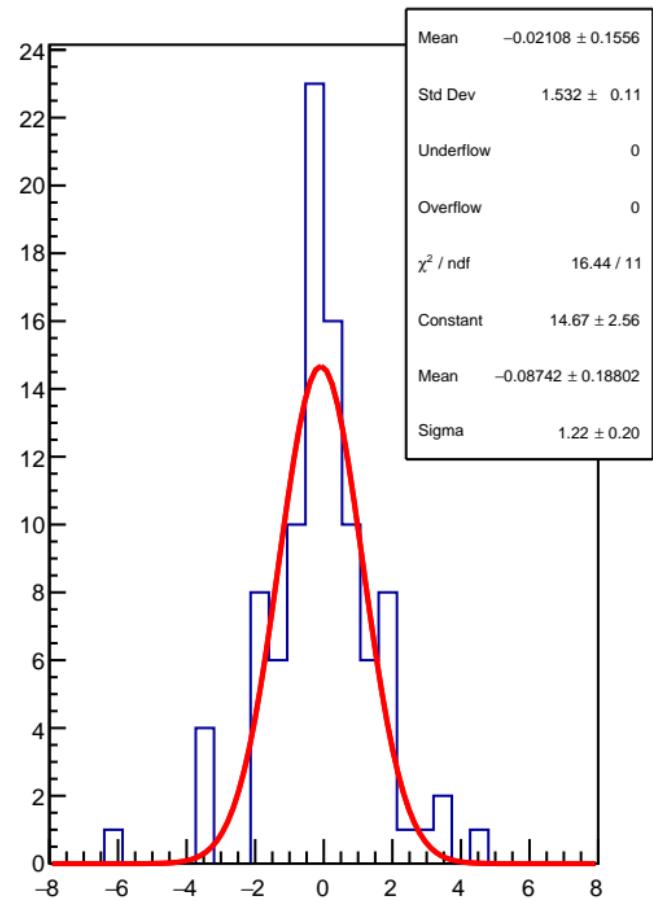


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265

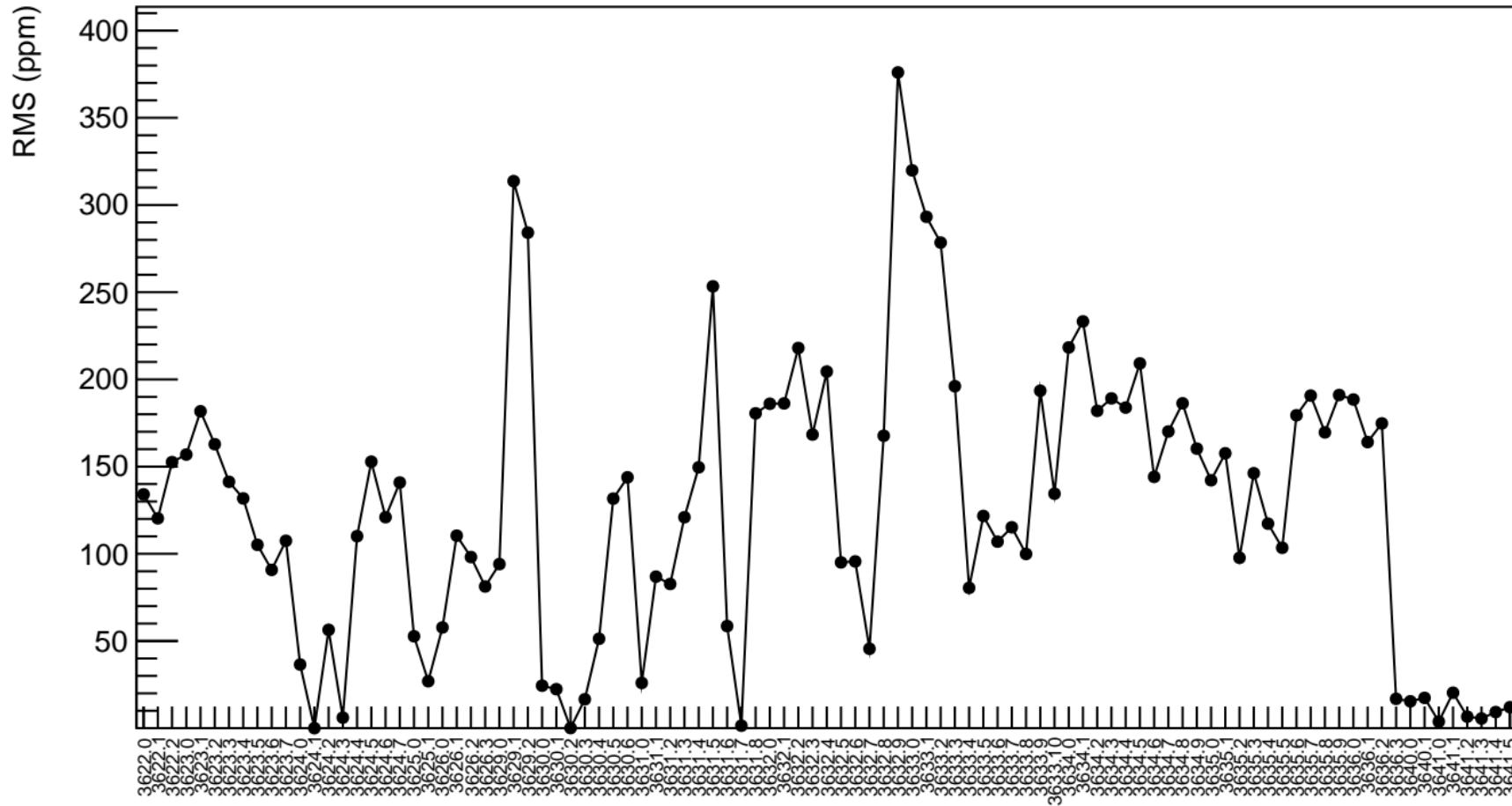
corr_Adet_bpm4eX (ppb)



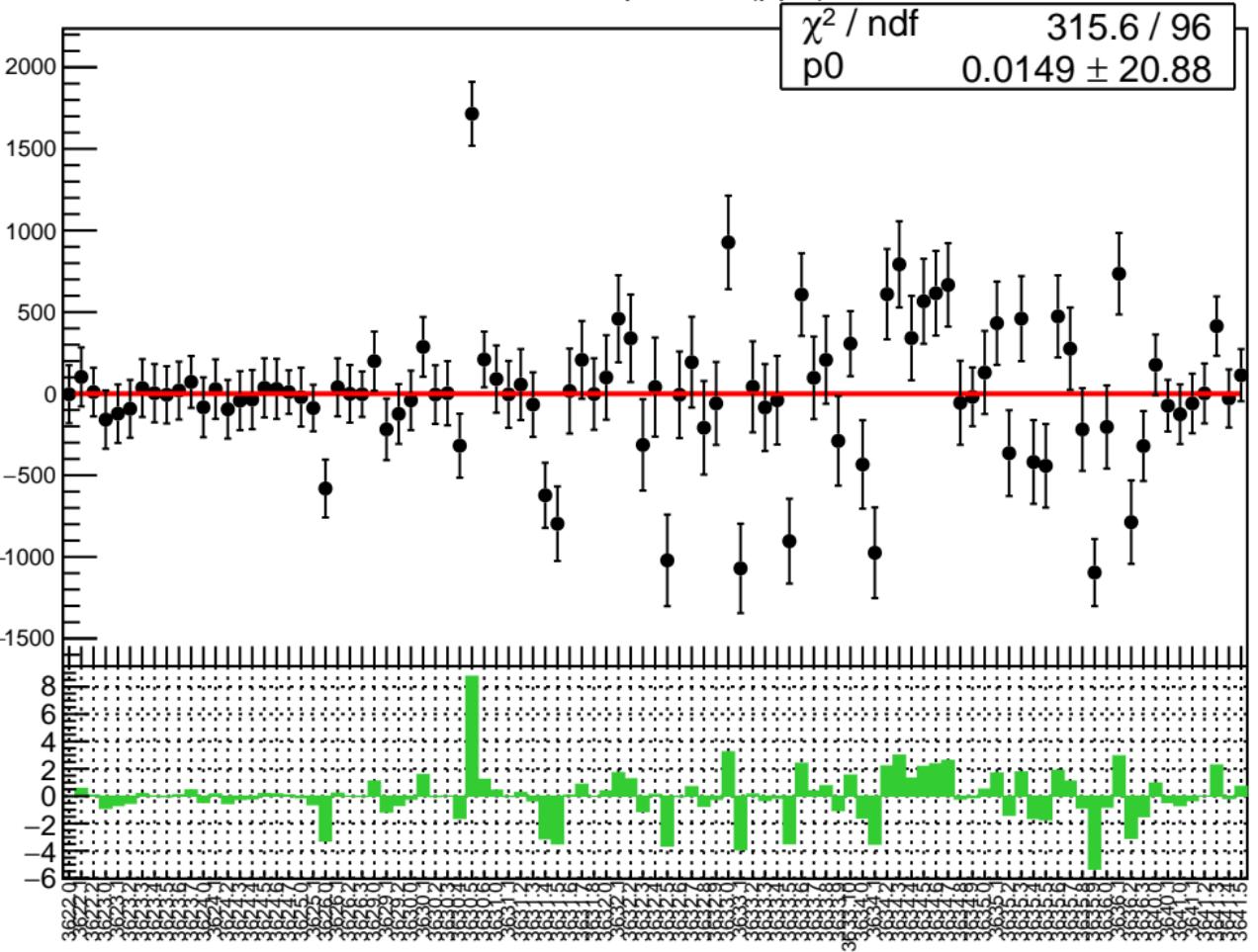
1D pull distribution



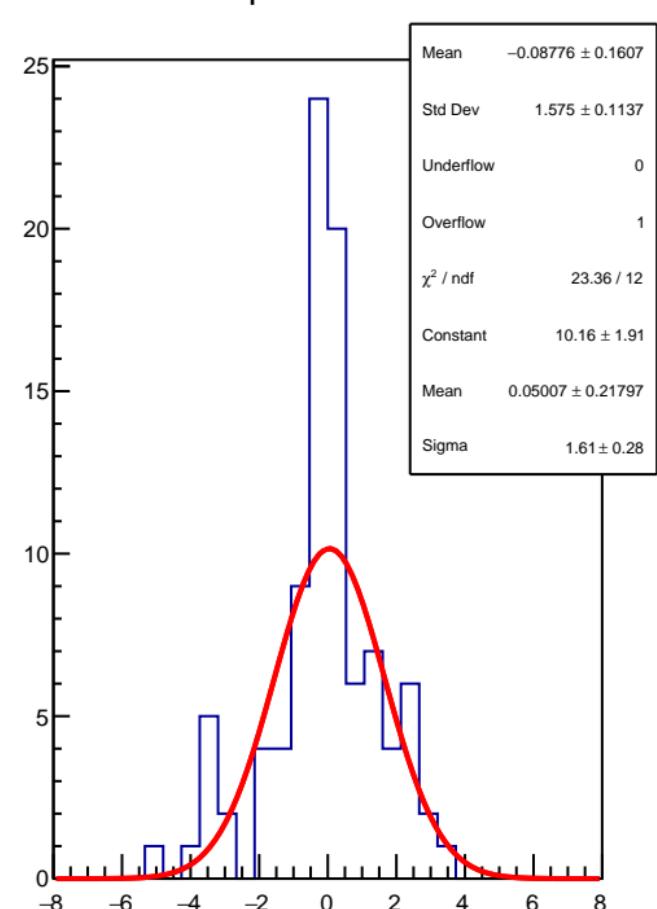
corr_Adet_bpm4eX RMS (ppm)



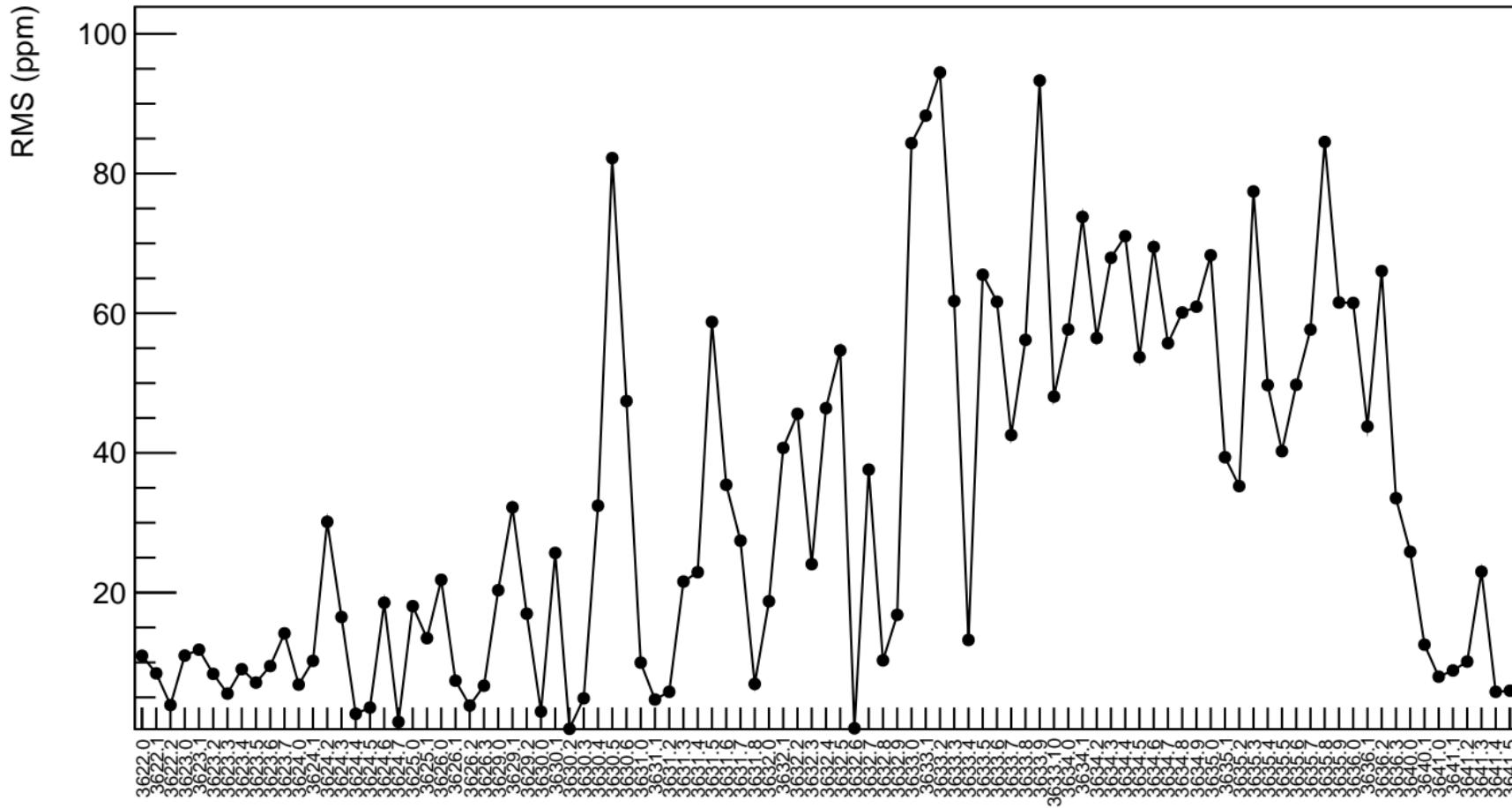
corr_Adet_bpm4eY (ppb)



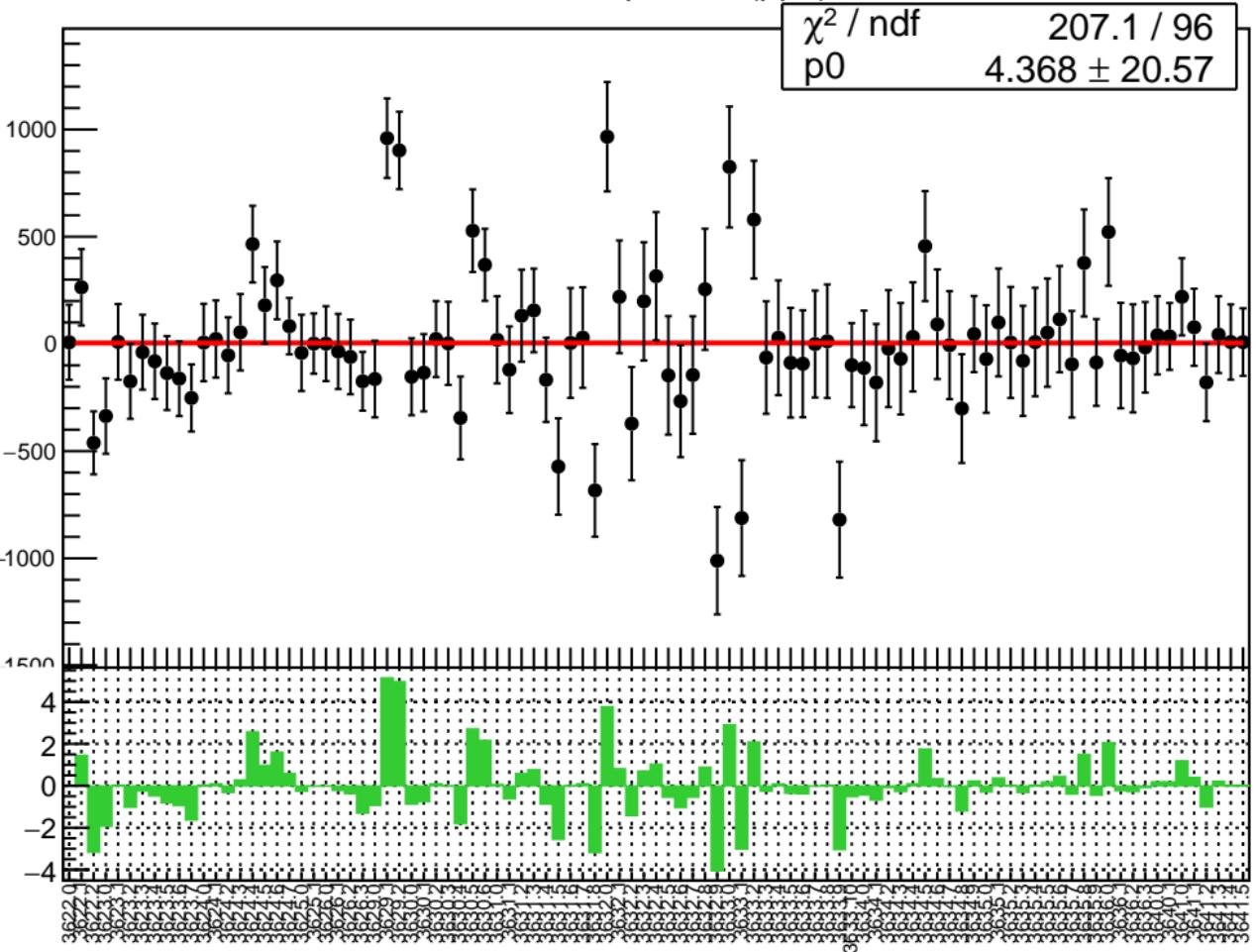
1D pull distribution



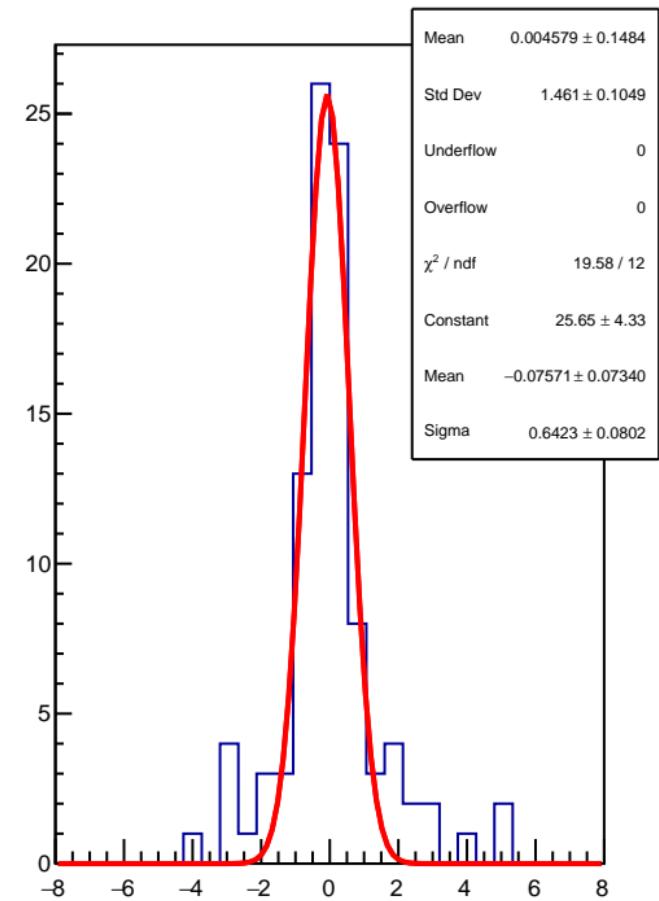
corr_Adet_bpm4eY RMS (ppm)



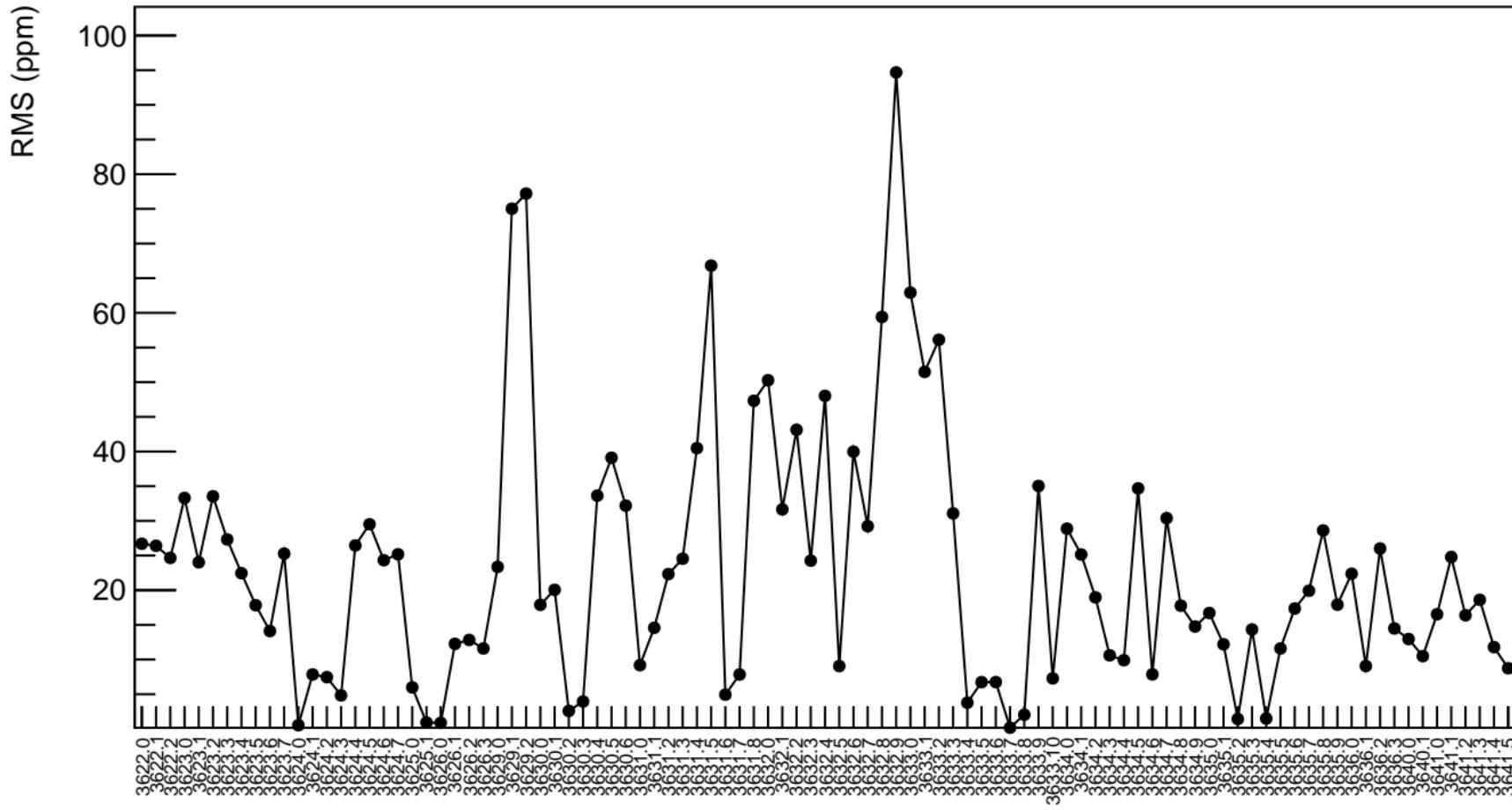
corr_Adet_bpm4aX (ppb)



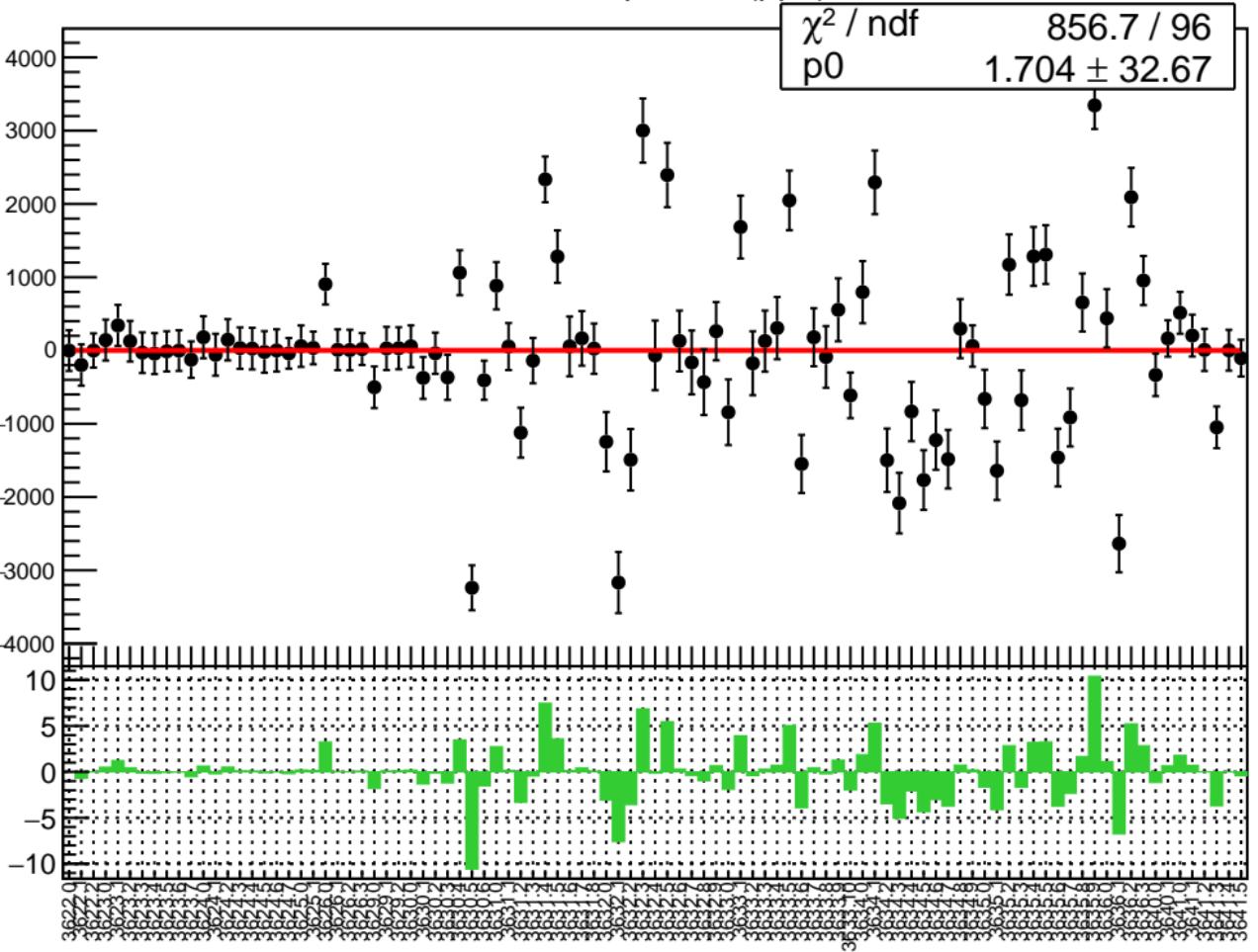
1D pull distribution



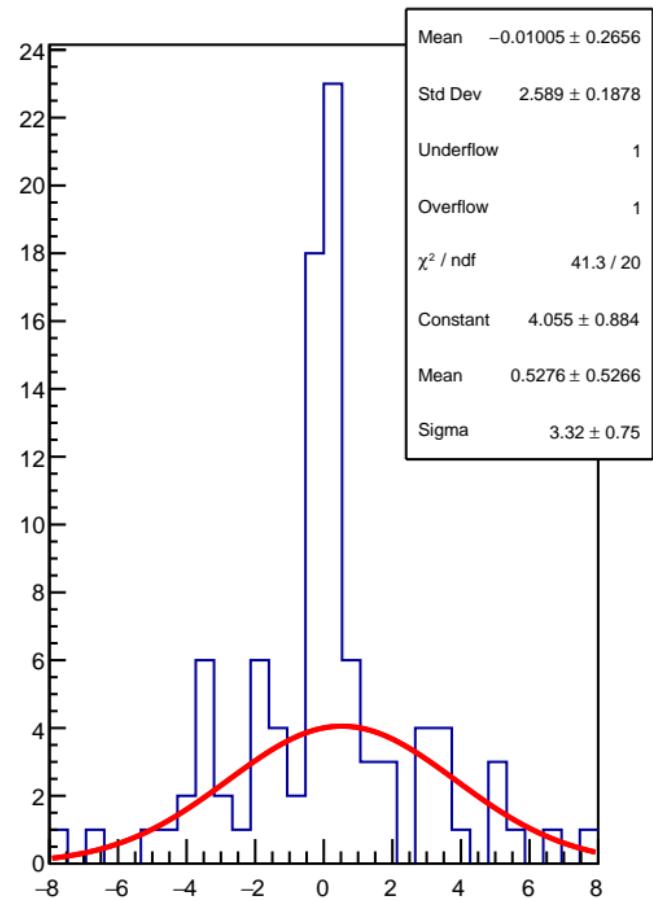
corr_Adet_bpm4aX RMS (ppm)



corr_Adet_bpm4aY (ppb)



1D pull distribution



corr_Adet_bpm4aY RMS (ppm)

RMS (ppm)

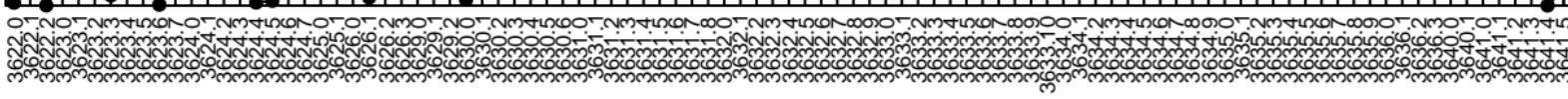
250

200

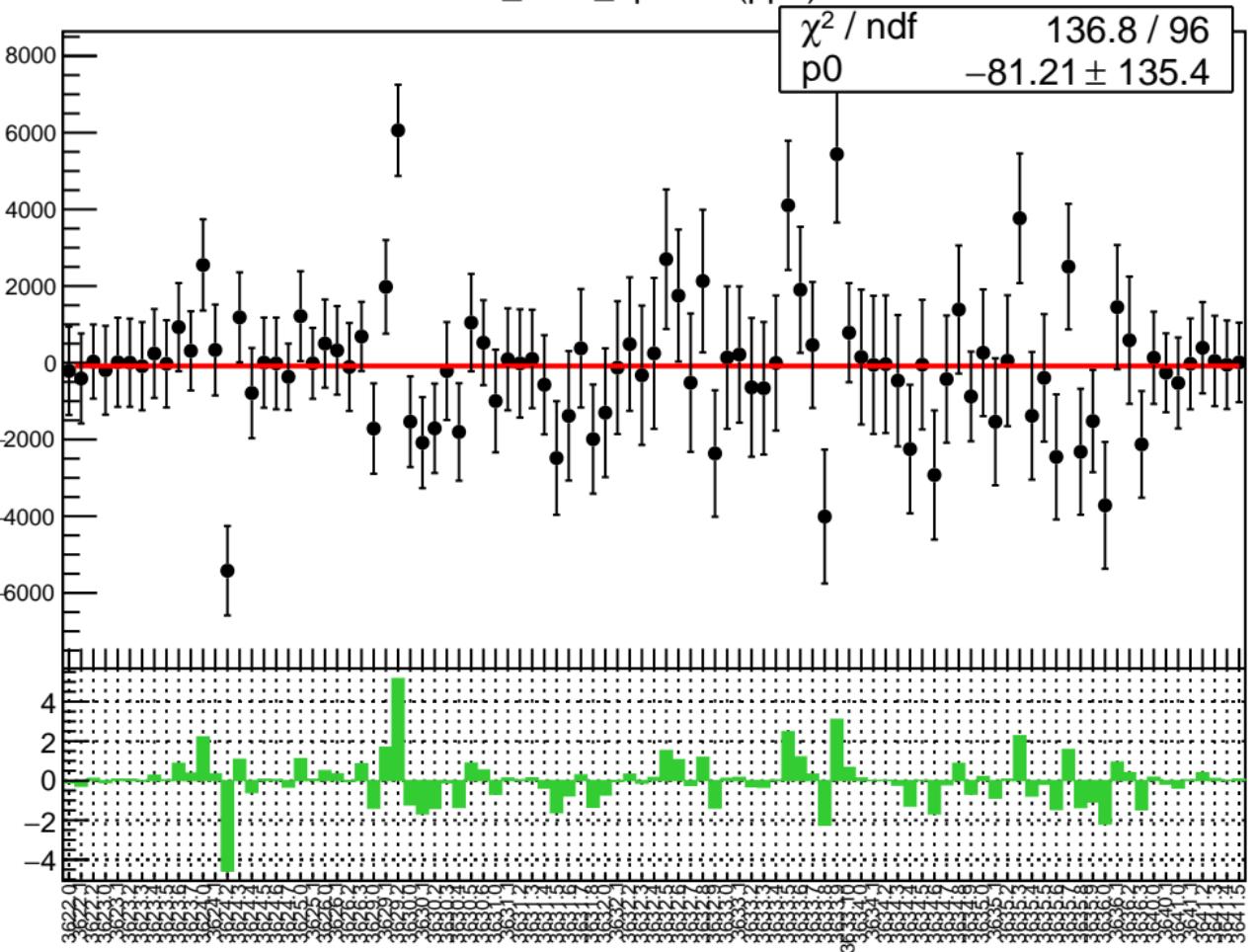
150

100

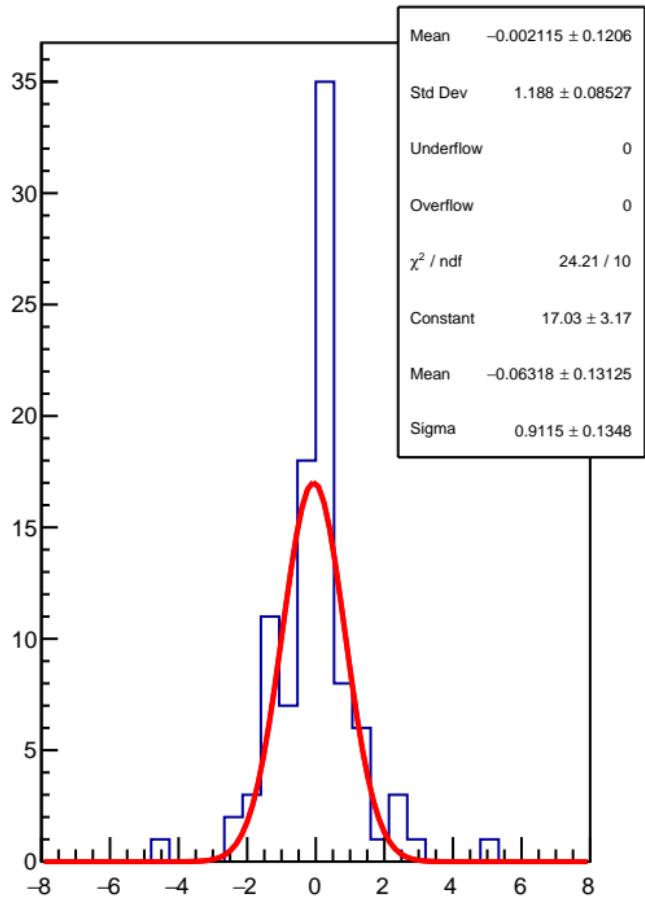
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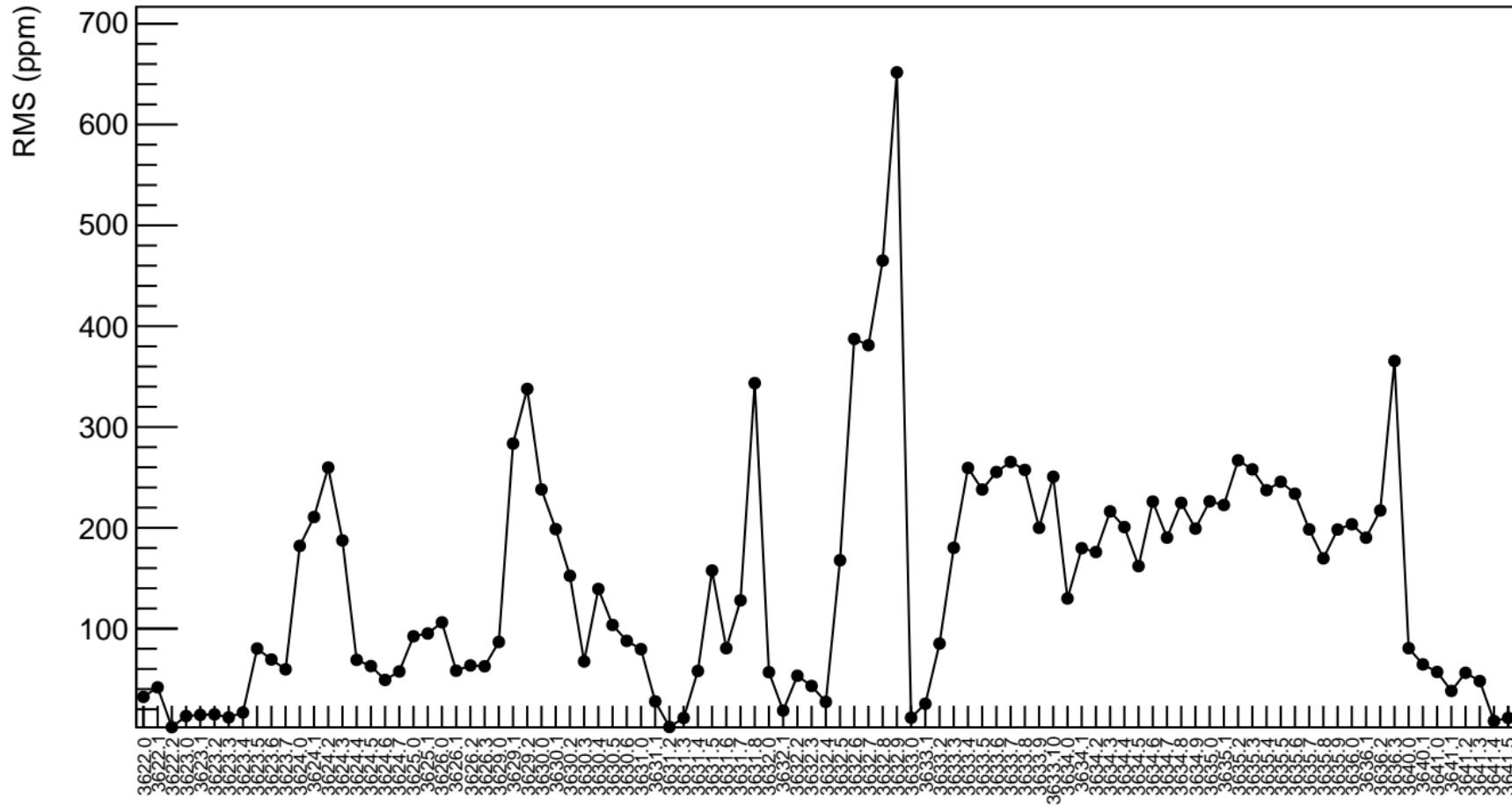
corr_Adet_bpm1X (ppb)



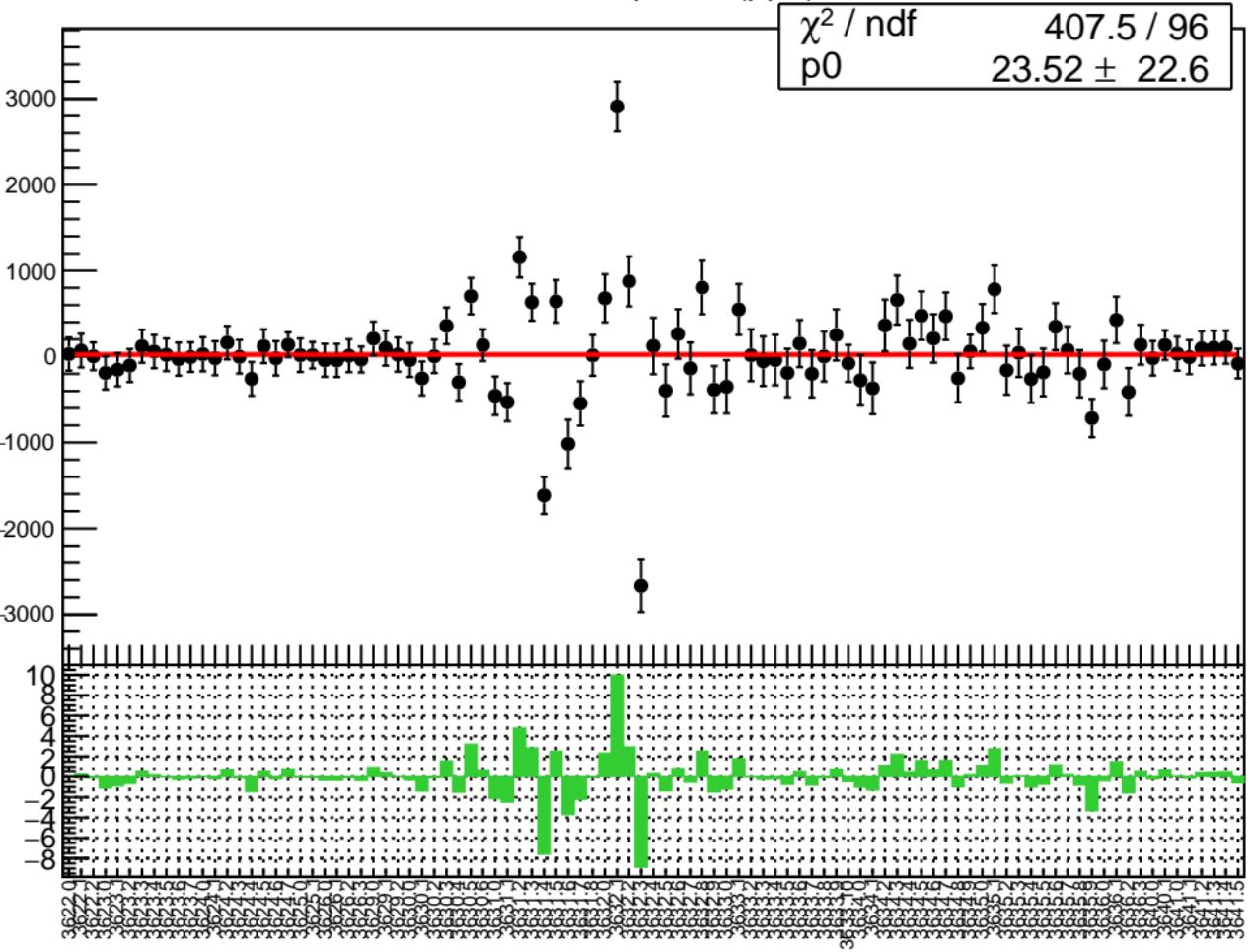
1D pull distribution



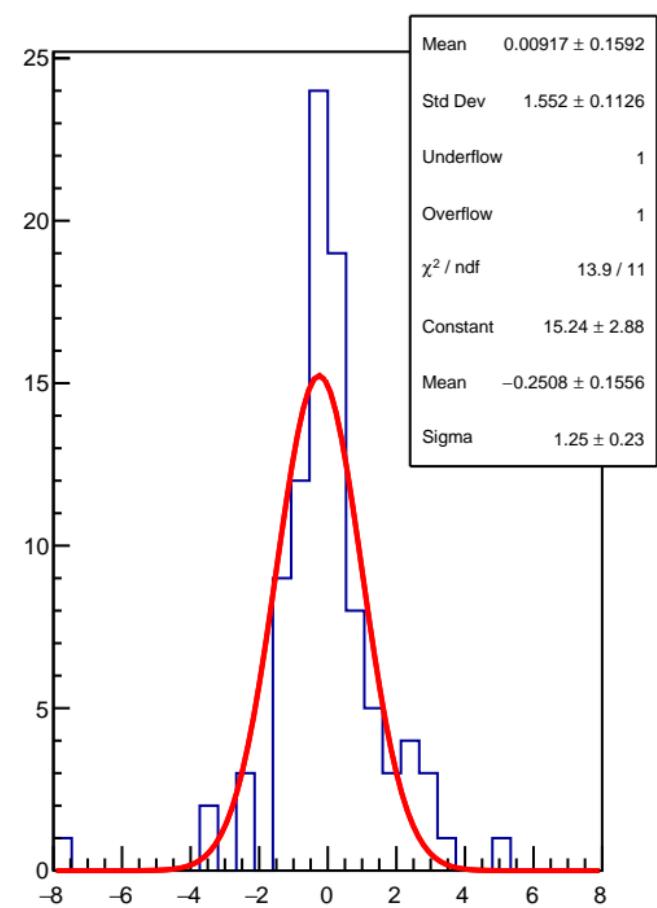
corr_Adet_bpm1X RMS (ppm)



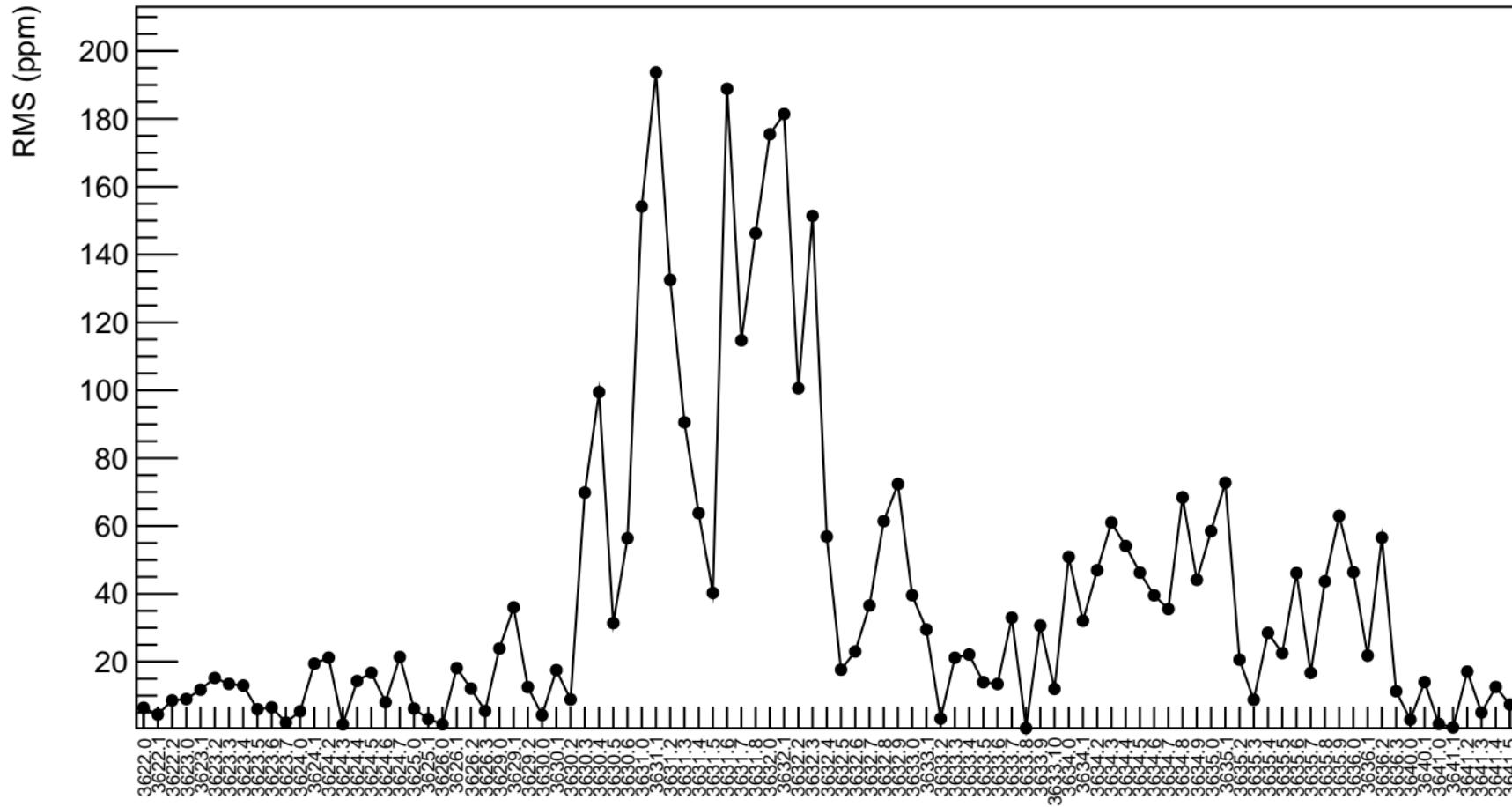
corr_Adet_bpm1Y (ppb)



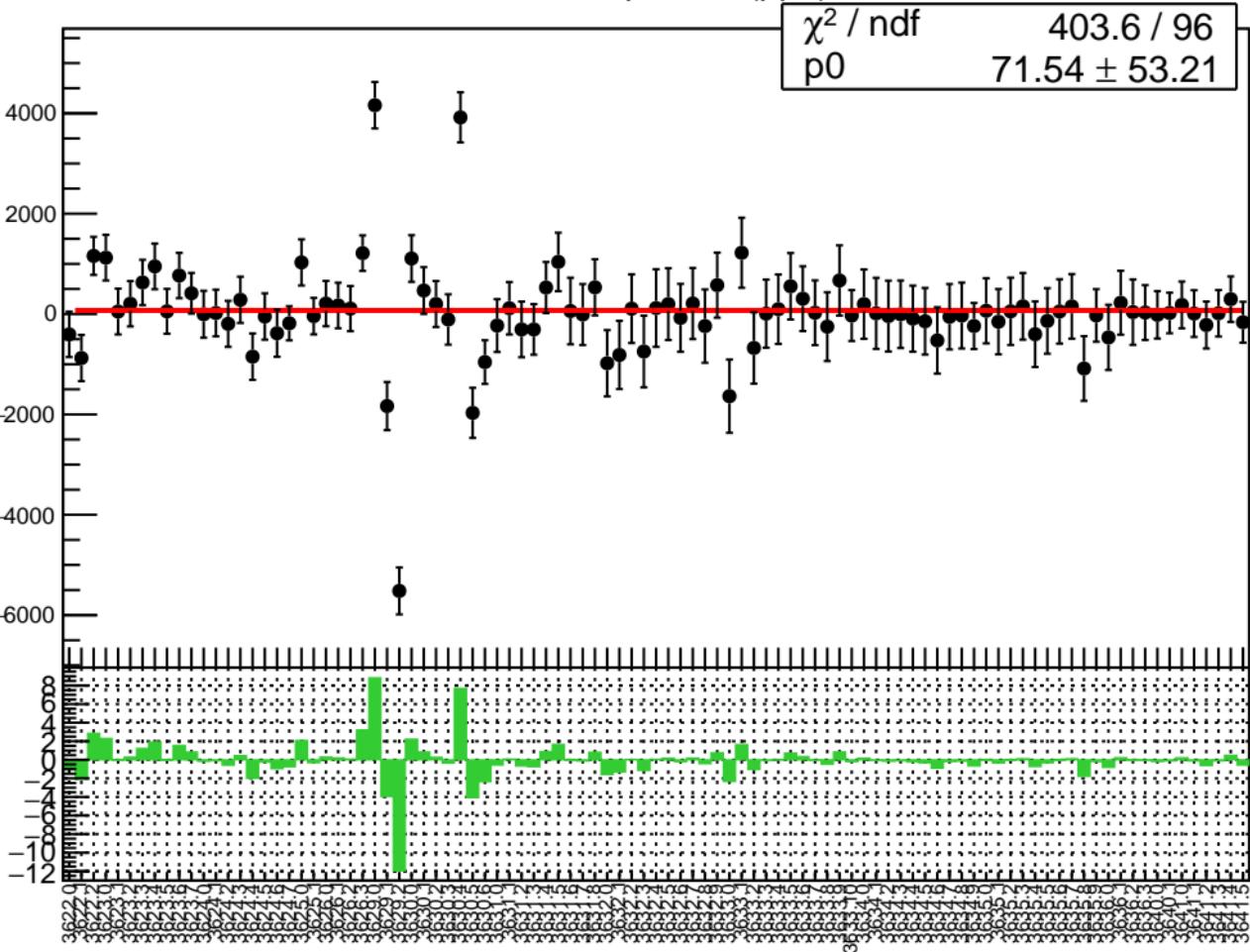
1D pull distribution



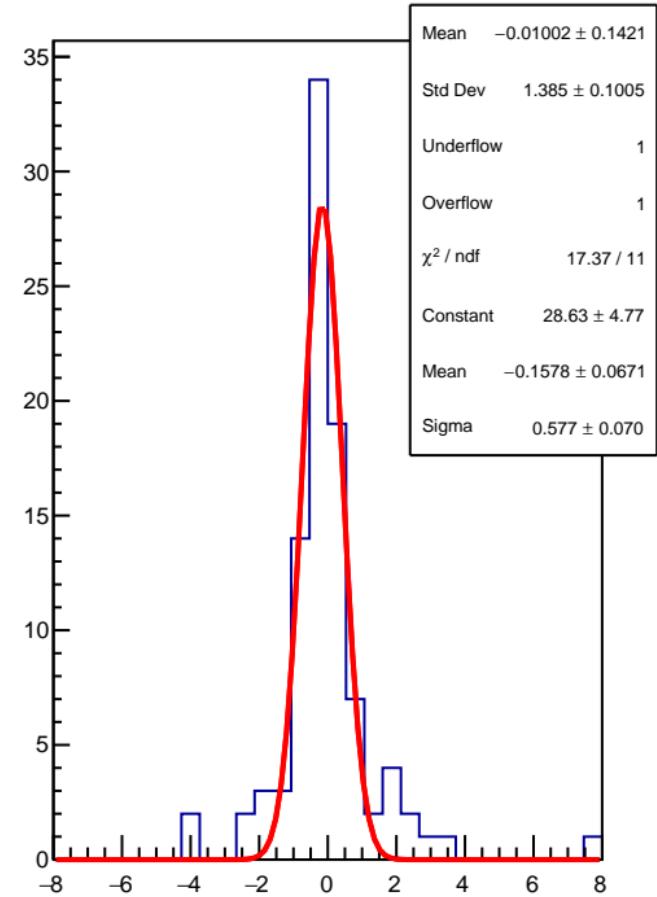
corr_Adet_bpm1Y RMS (ppm)



corr_Adet_bpm16X (ppb)

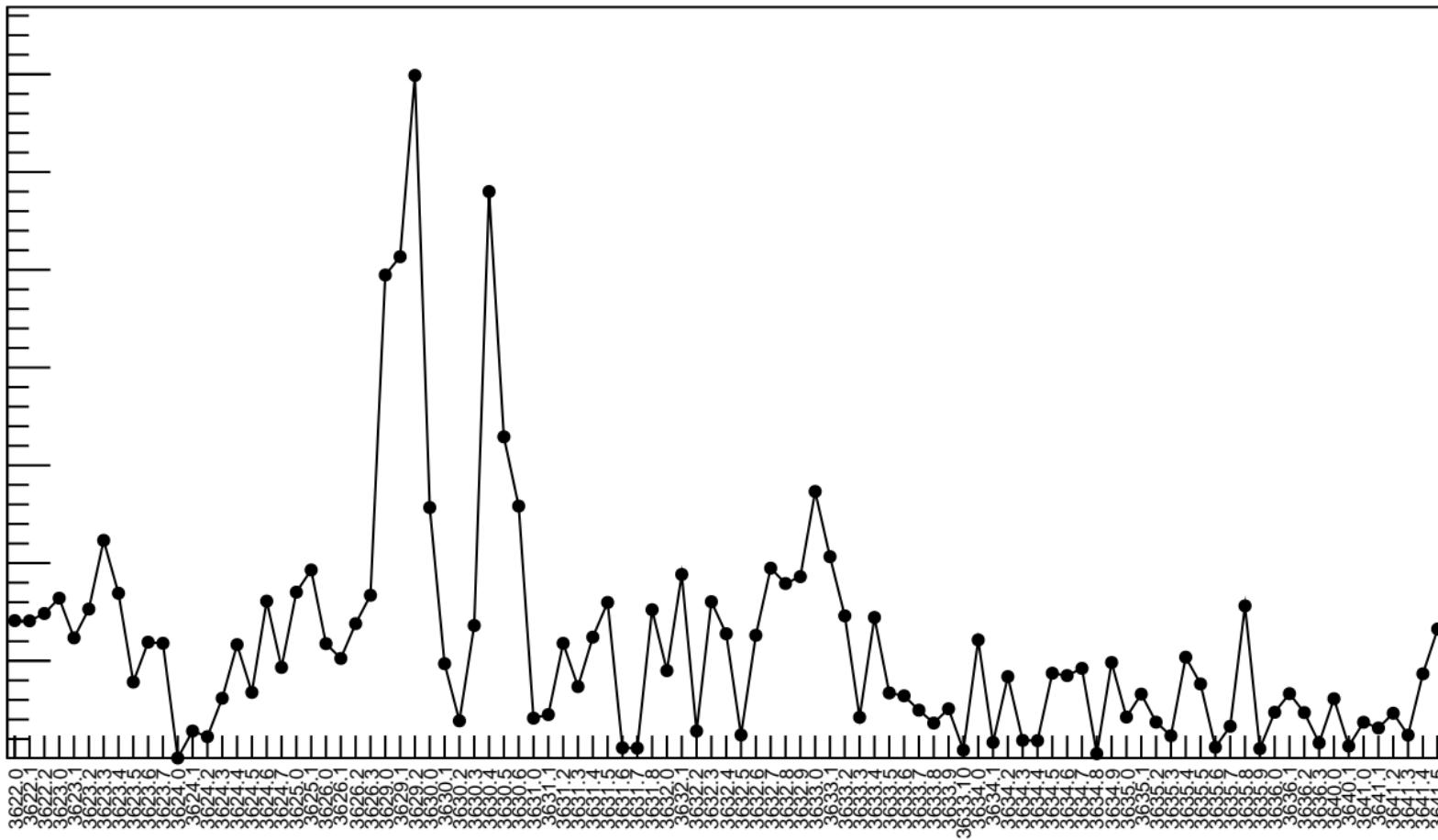


1D pull distribution

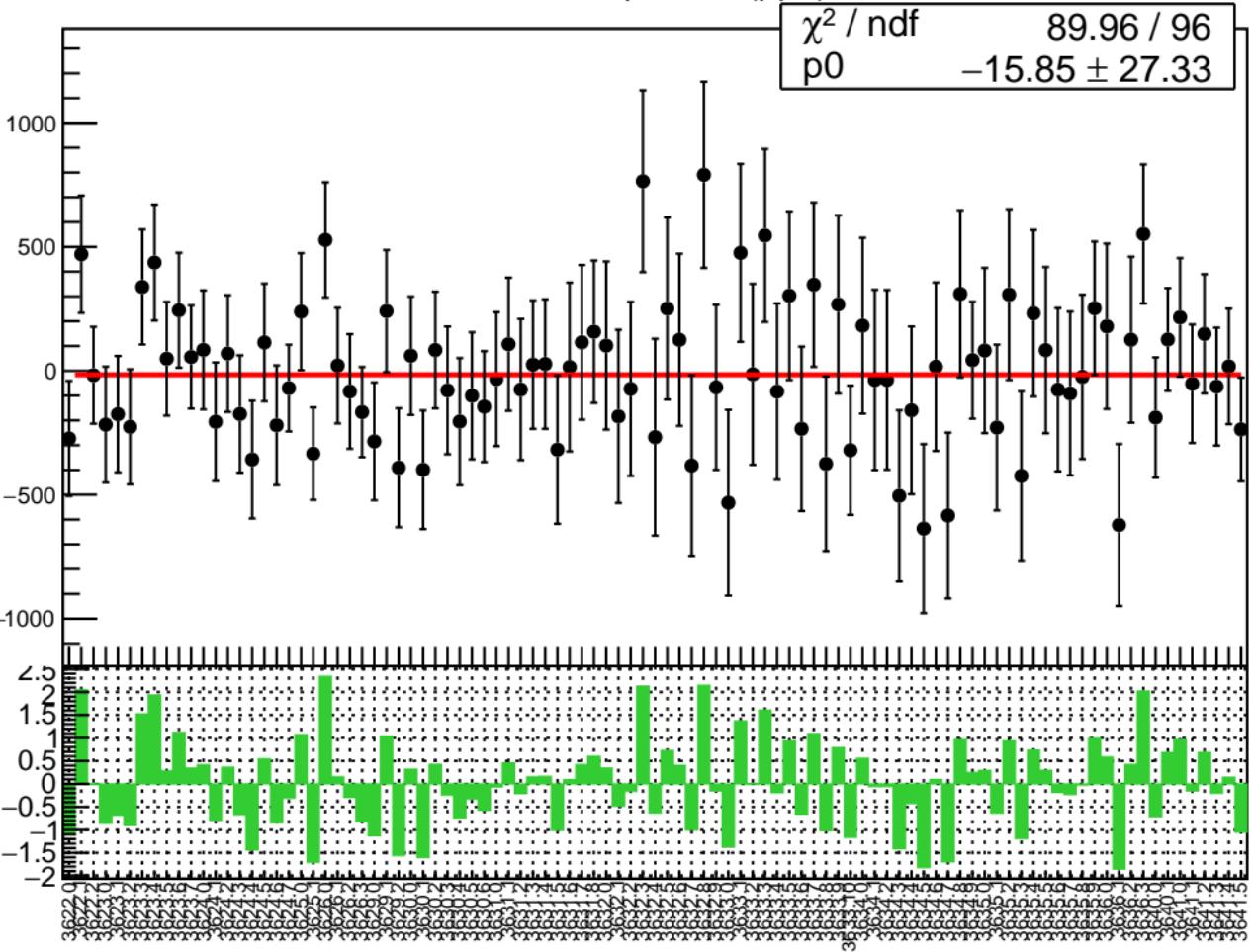


corr_Adet_bpm16X RMS (ppm)

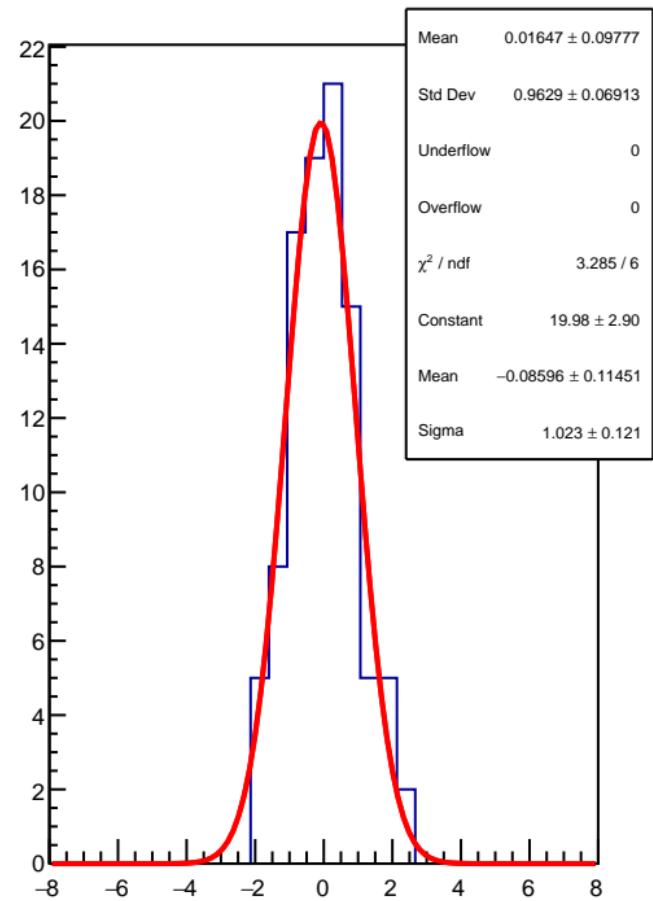
RMS (ppm)



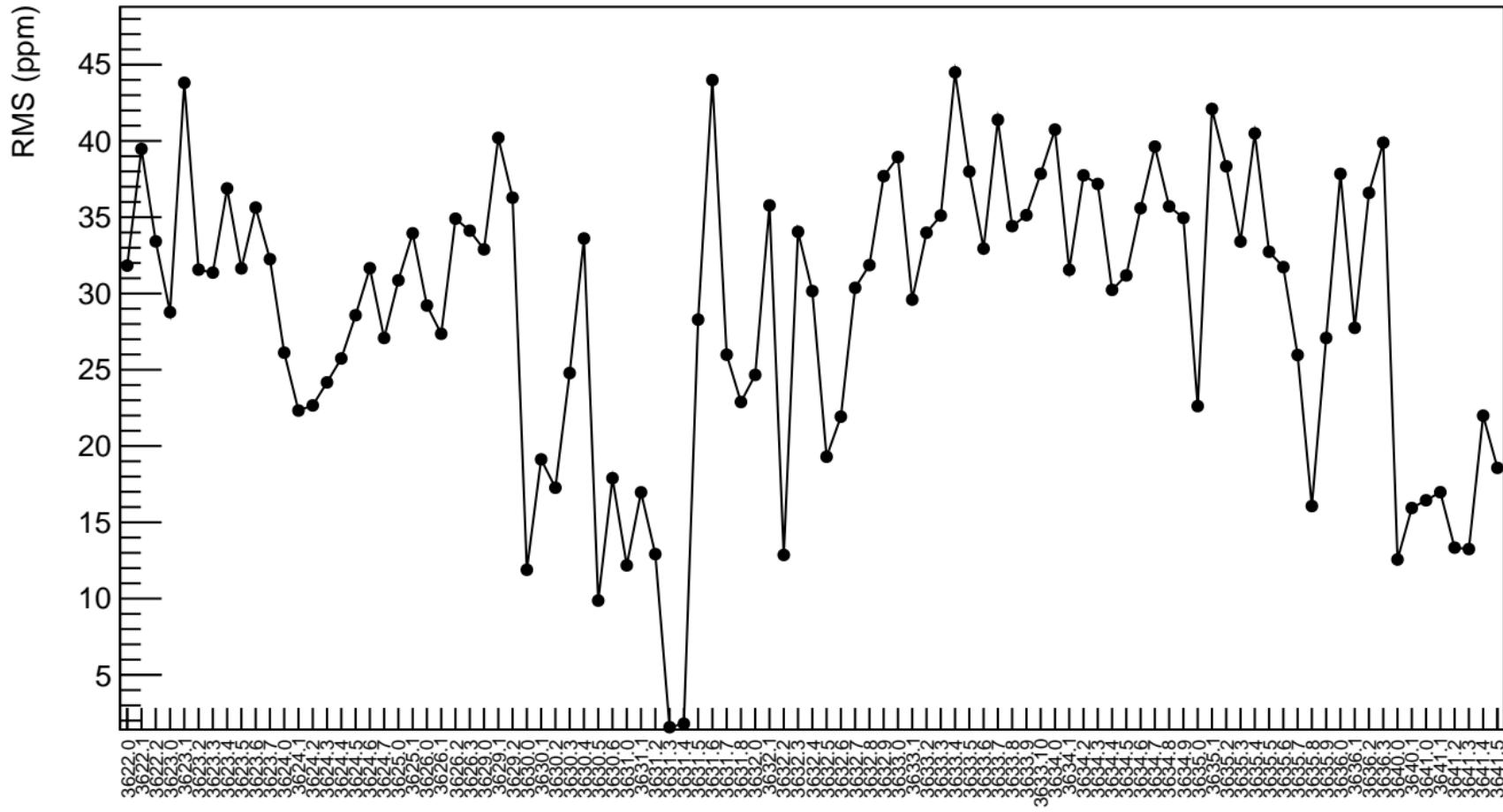
corr_Adet_bpm16Y (ppb)



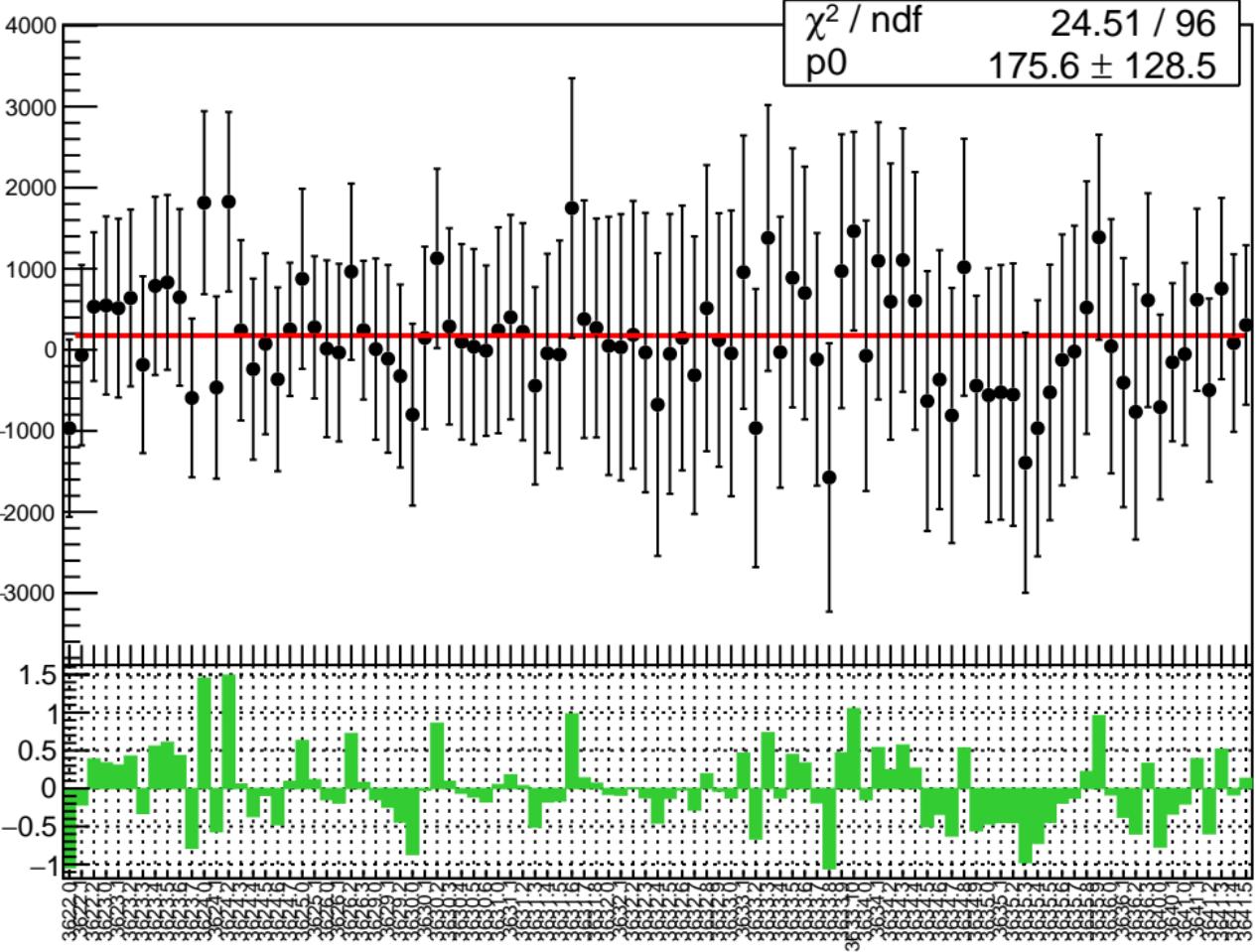
1D pull distribution



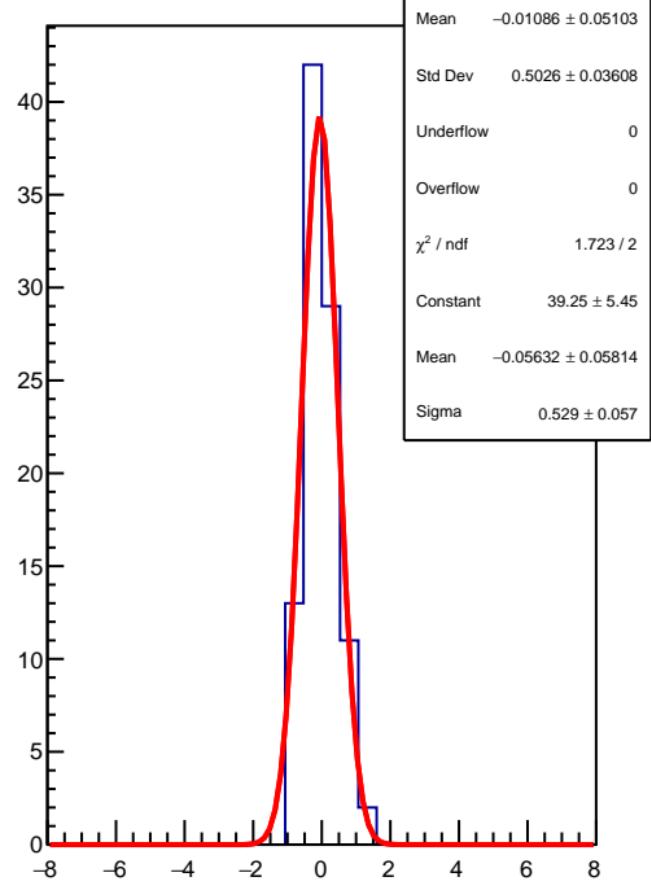
corr_Adet_bpm16Y RMS (ppm)



corr_Adet_bpm12X (ppb)

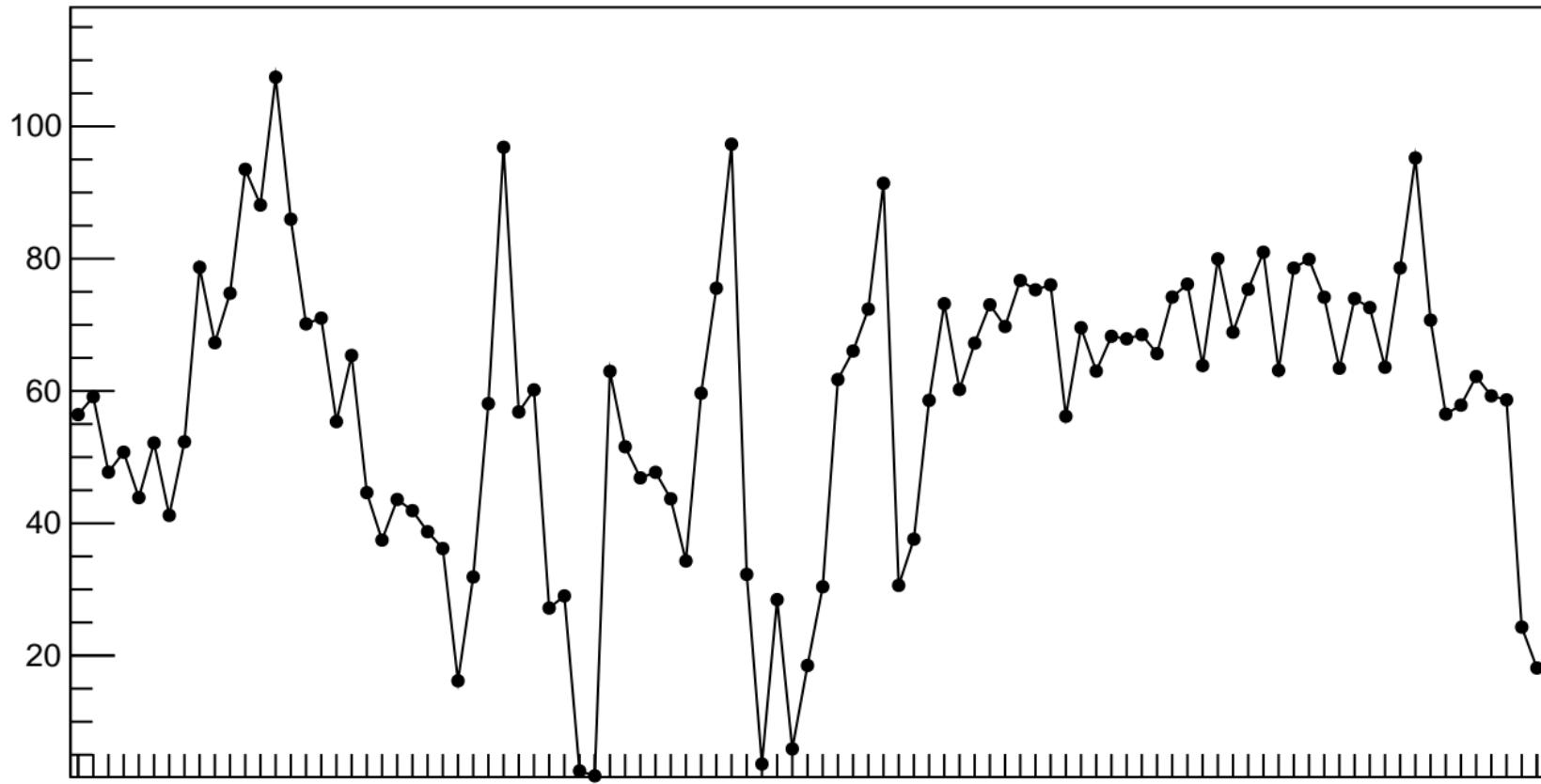


1D pull distribution

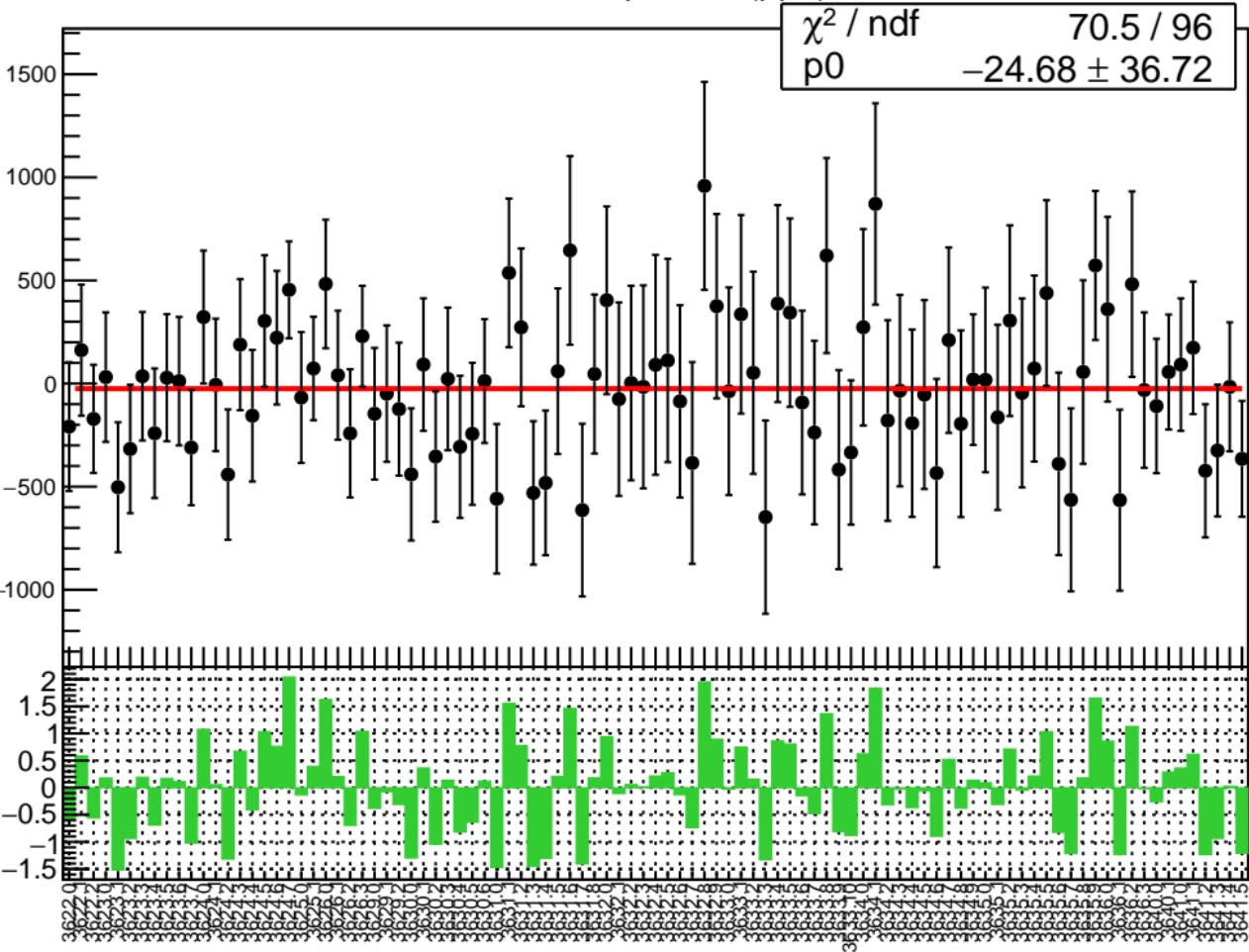


corr_Adet_bpm12X RMS (ppm)

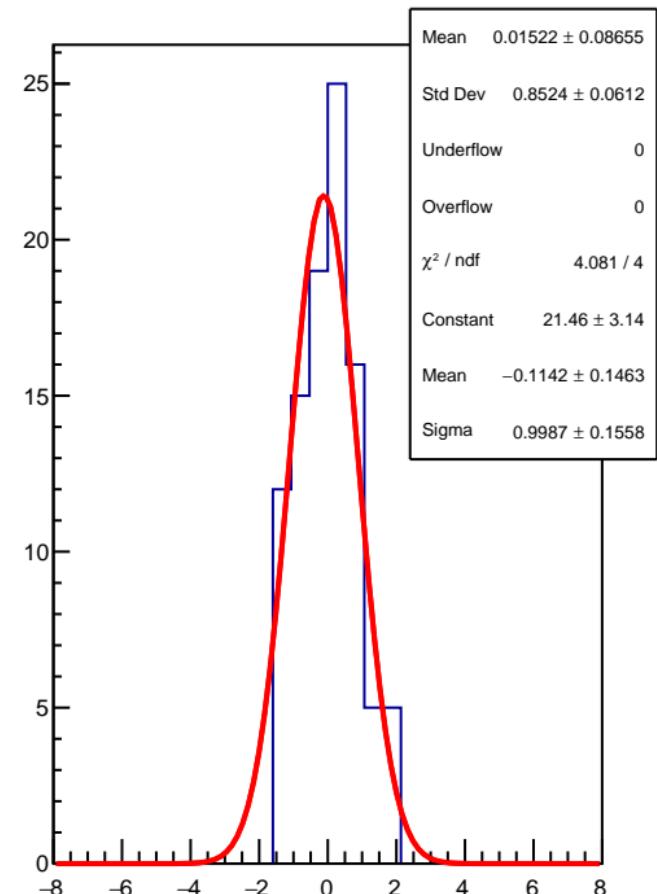
RMS (ppm)



corr_Adet_bpm12Y (ppb)

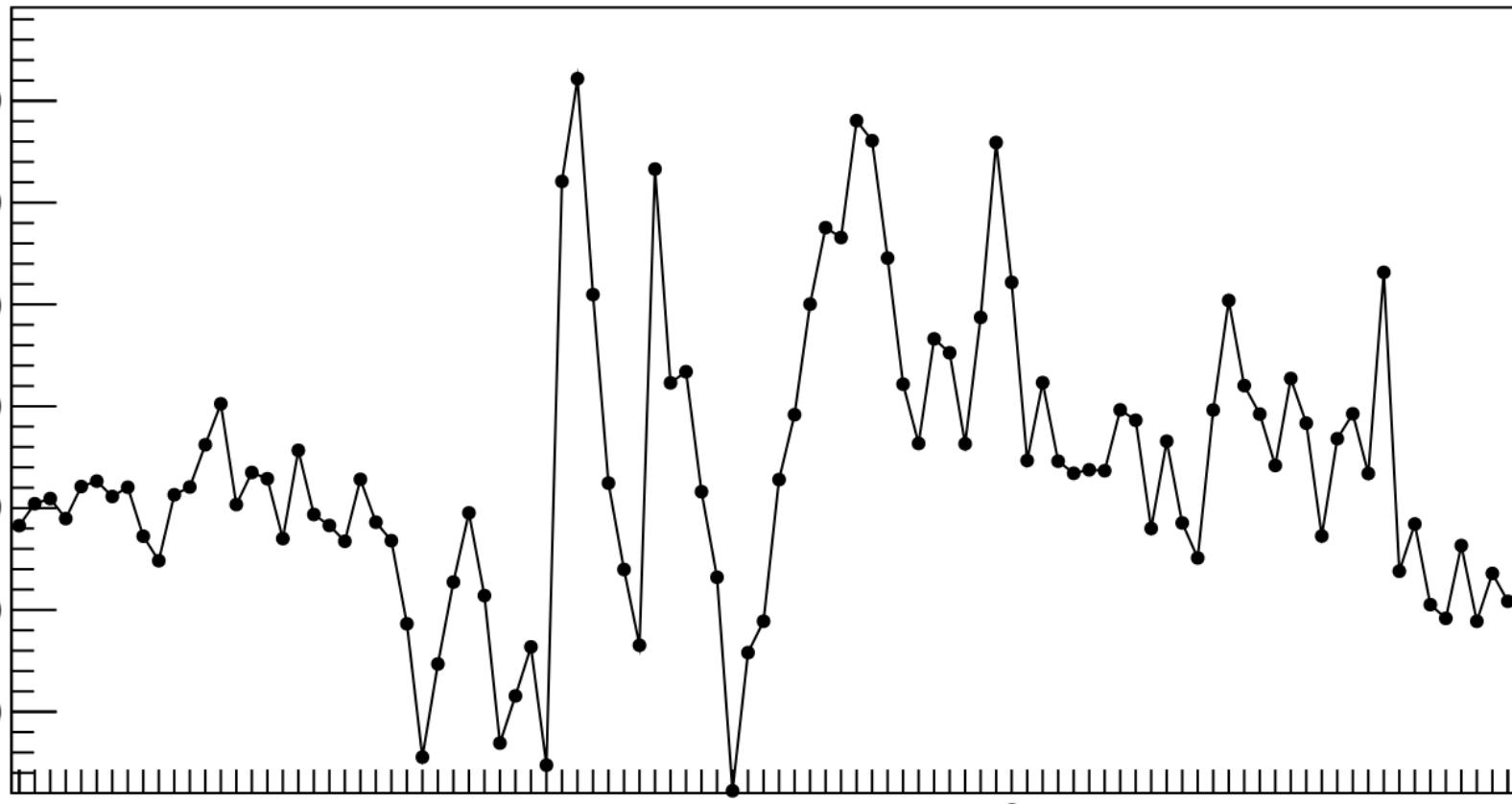


1D pull distribution



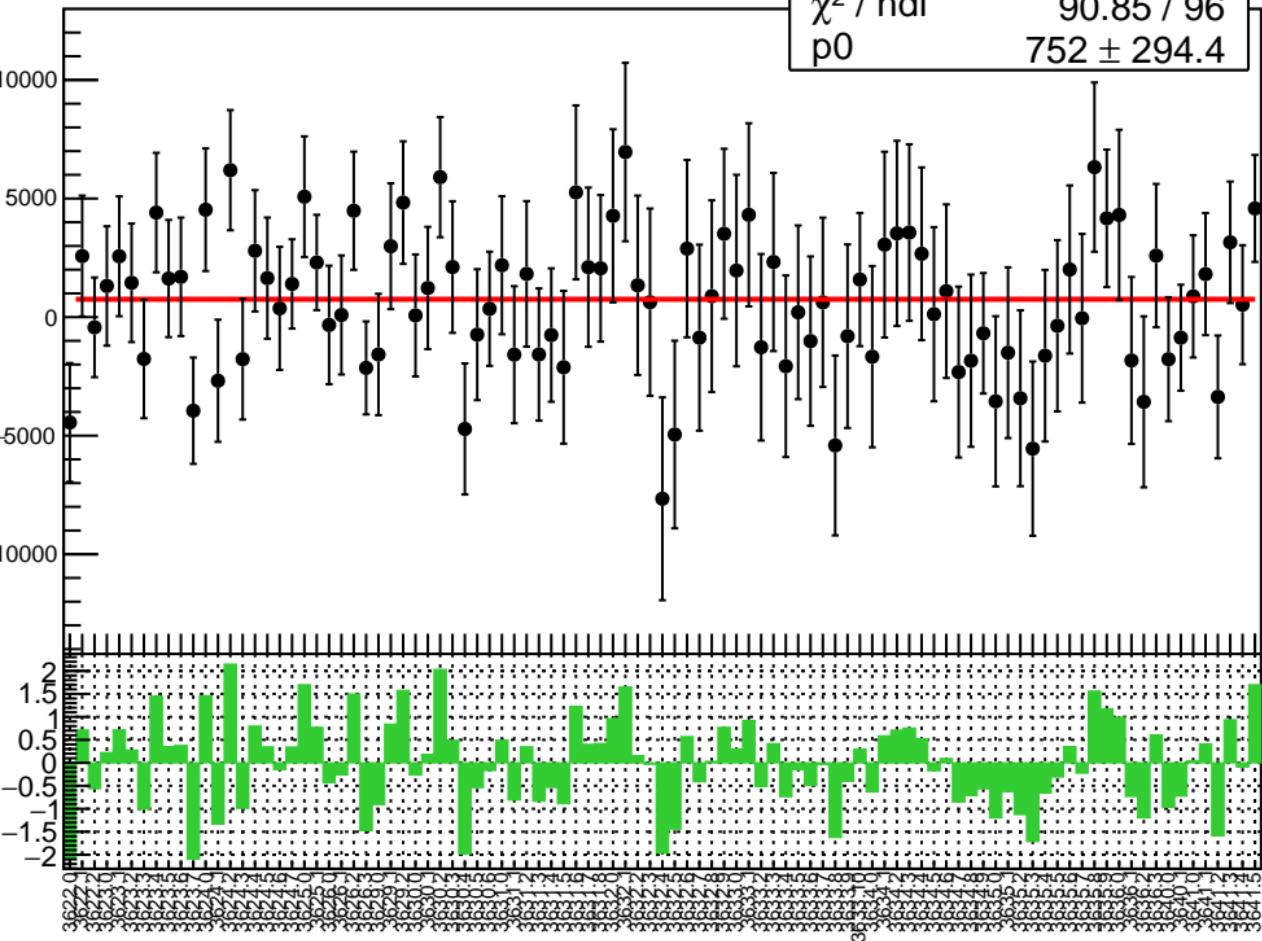
corr_Adet_bpm12Y RMS (ppm)

RMS (ppm)

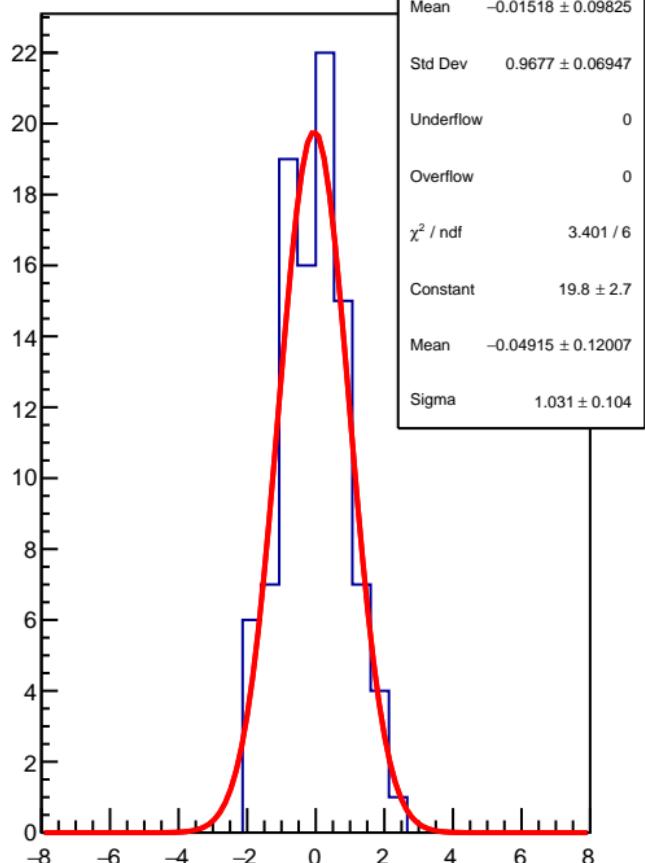


corr_Adet_bpm11X (ppb)

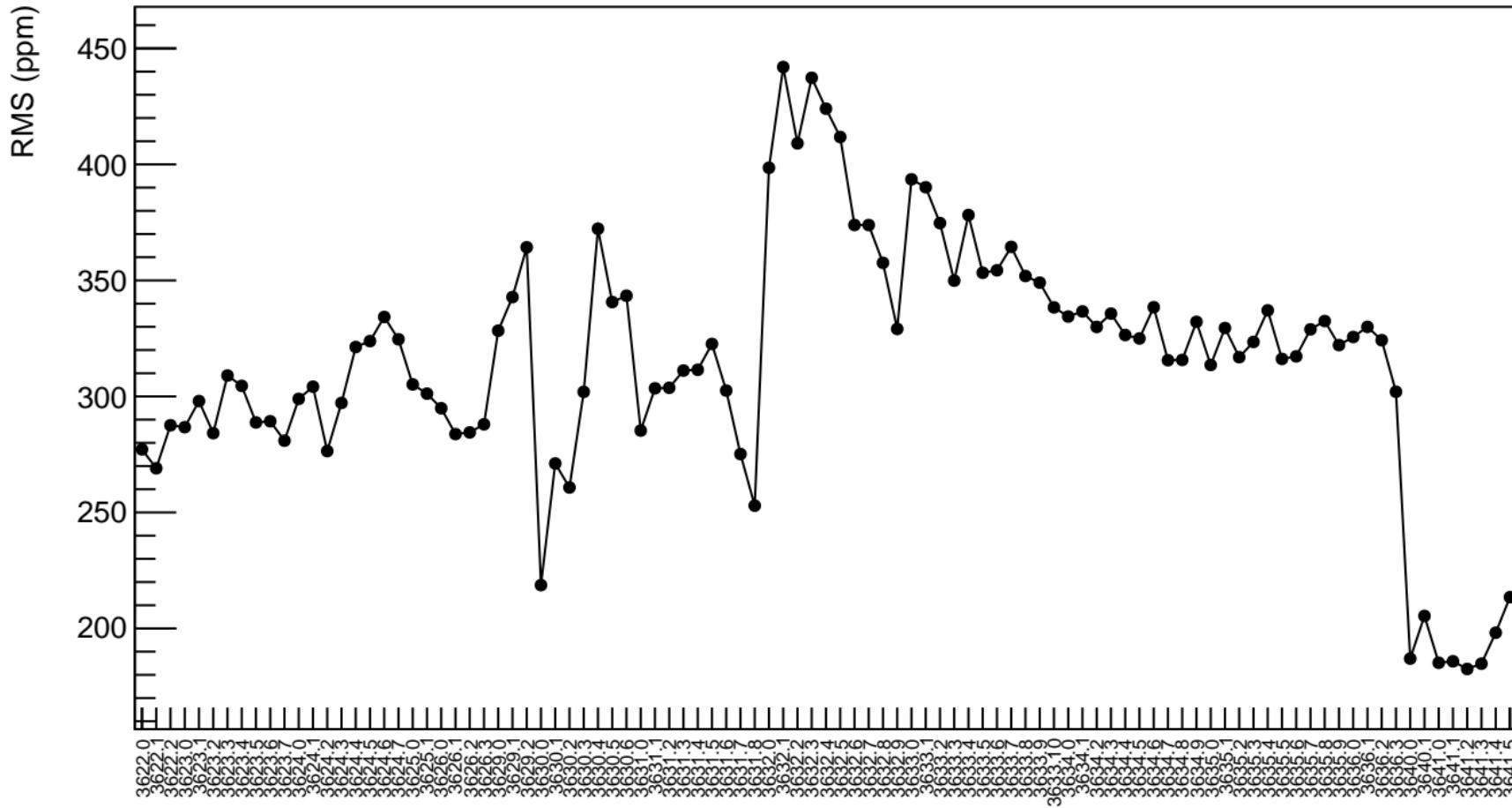
χ^2 / ndf 90.85 / 96
p0 752 ± 294.4



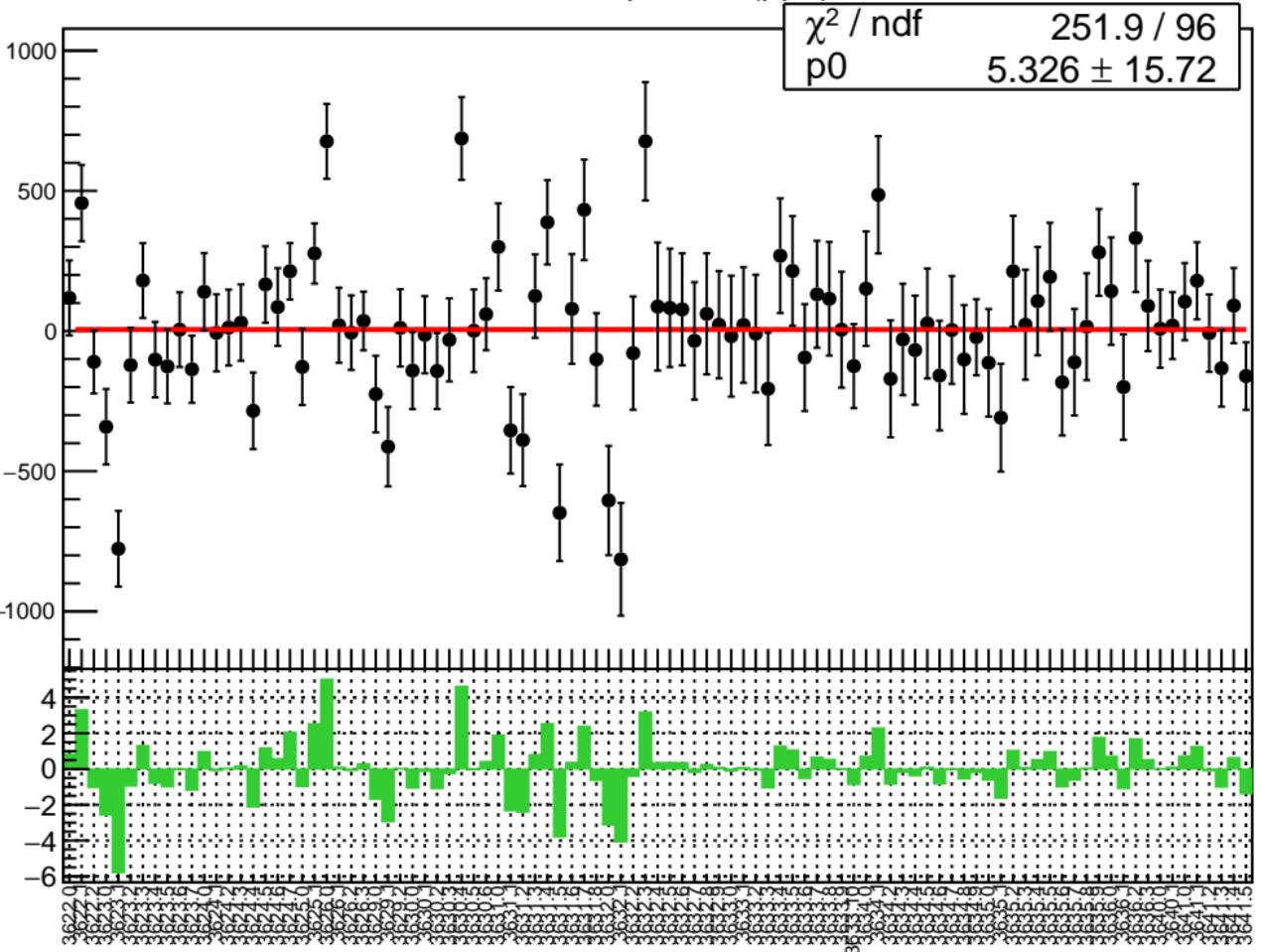
1D pull distribution



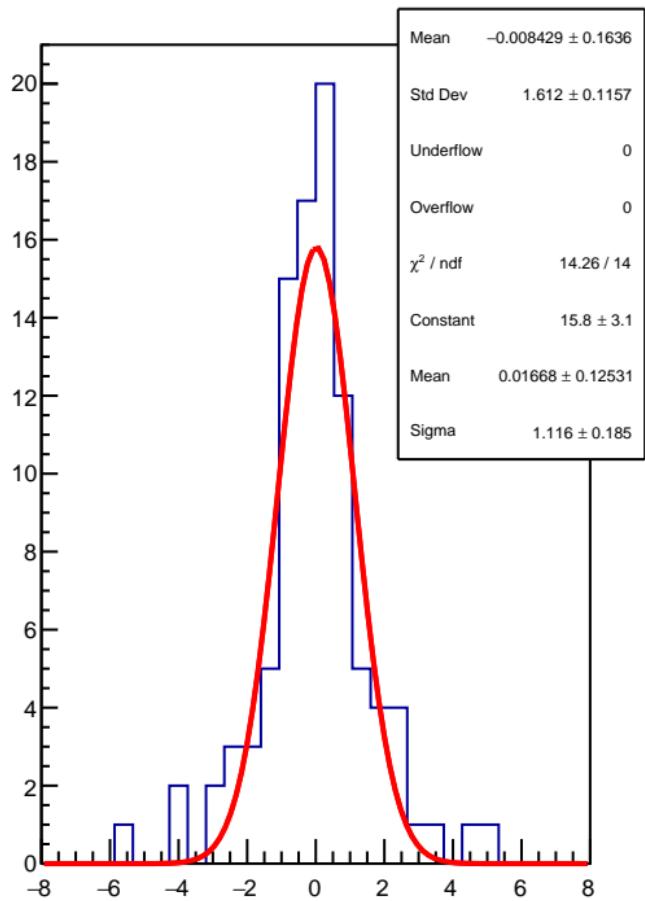
corr_Adet_bpm11X RMS (ppm)



corr_Adet_bpm11Y (ppb)

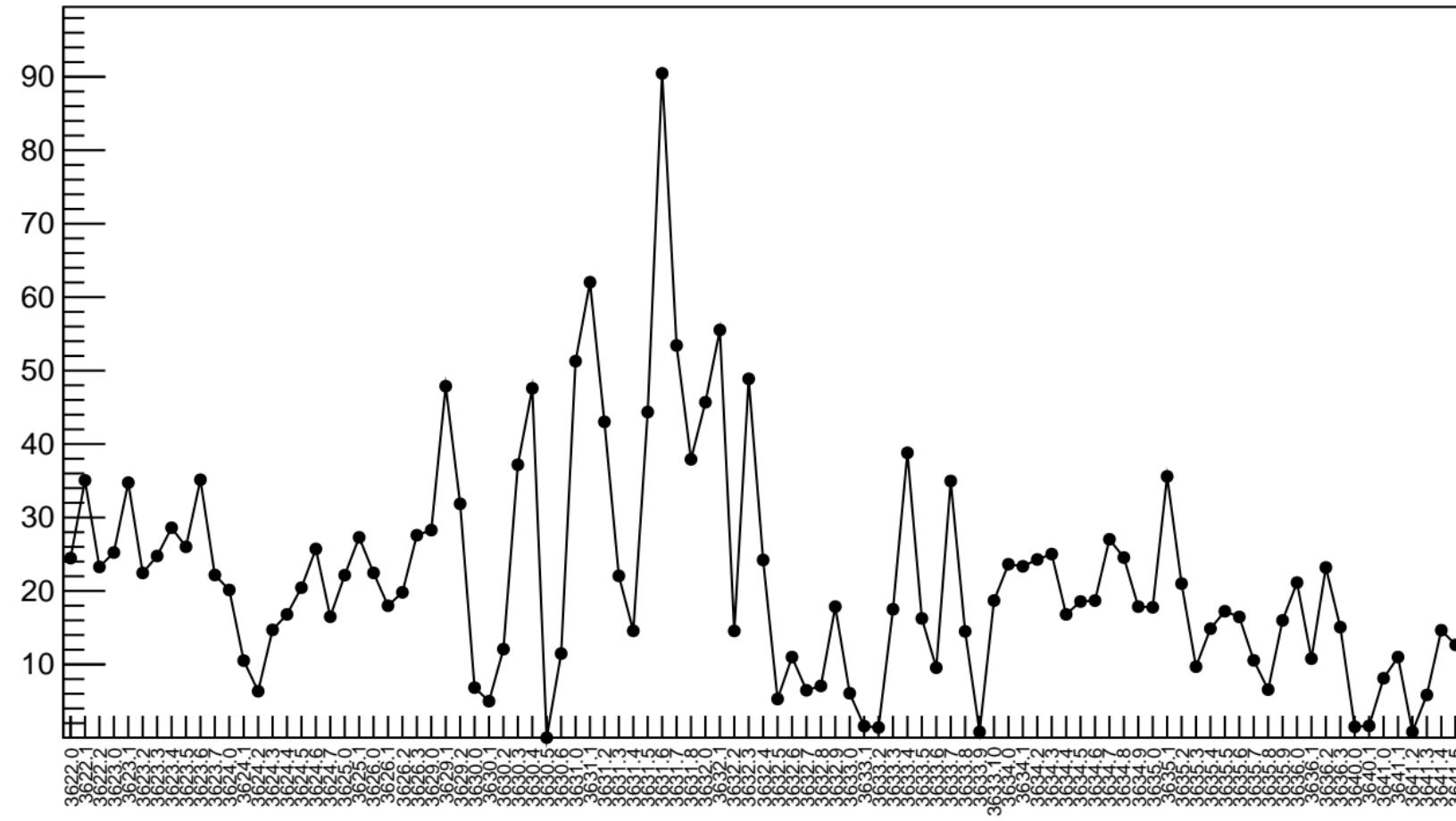


1D pull distribution



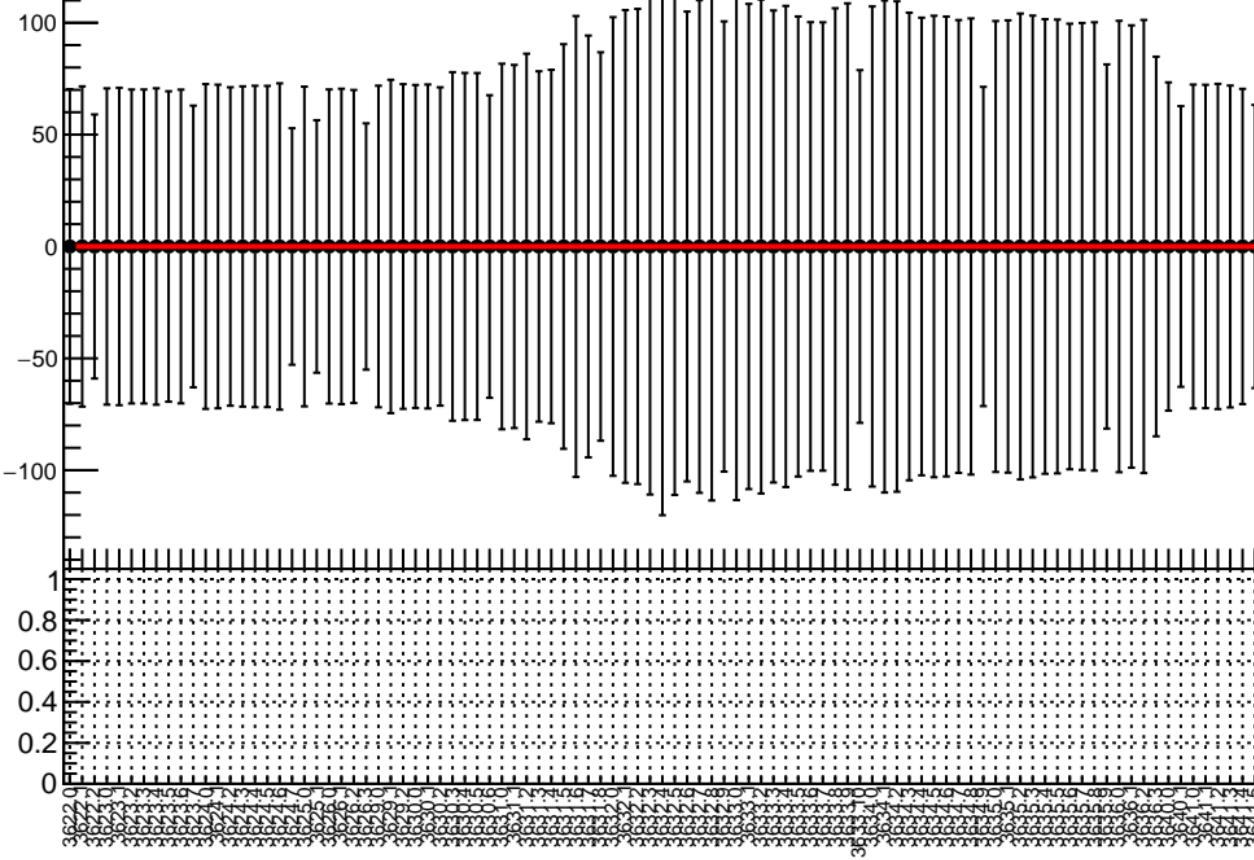
corr_Adet_bpm11Y RMS (ppm)

RMS (ppm)

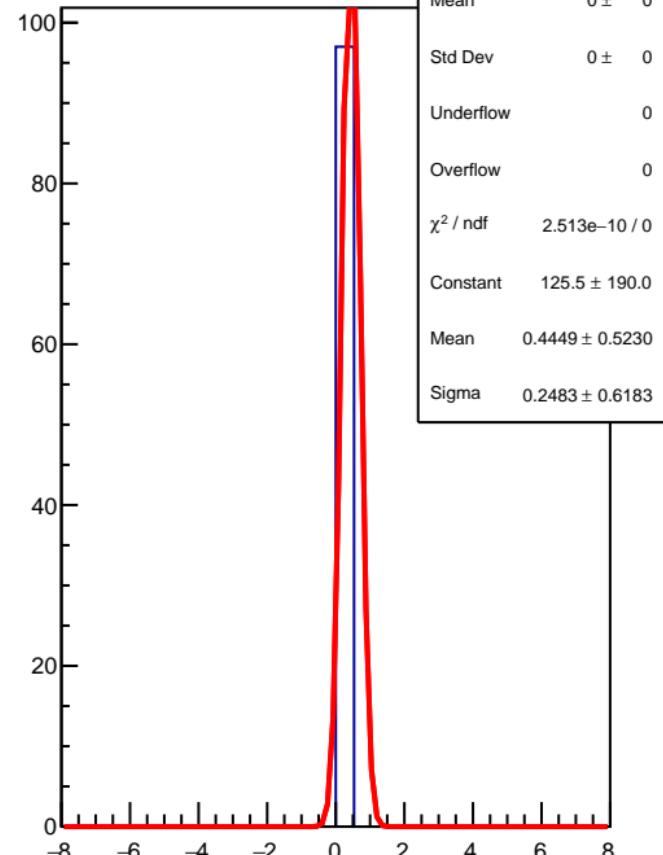


corr_Adet_bpm8X (ppb)

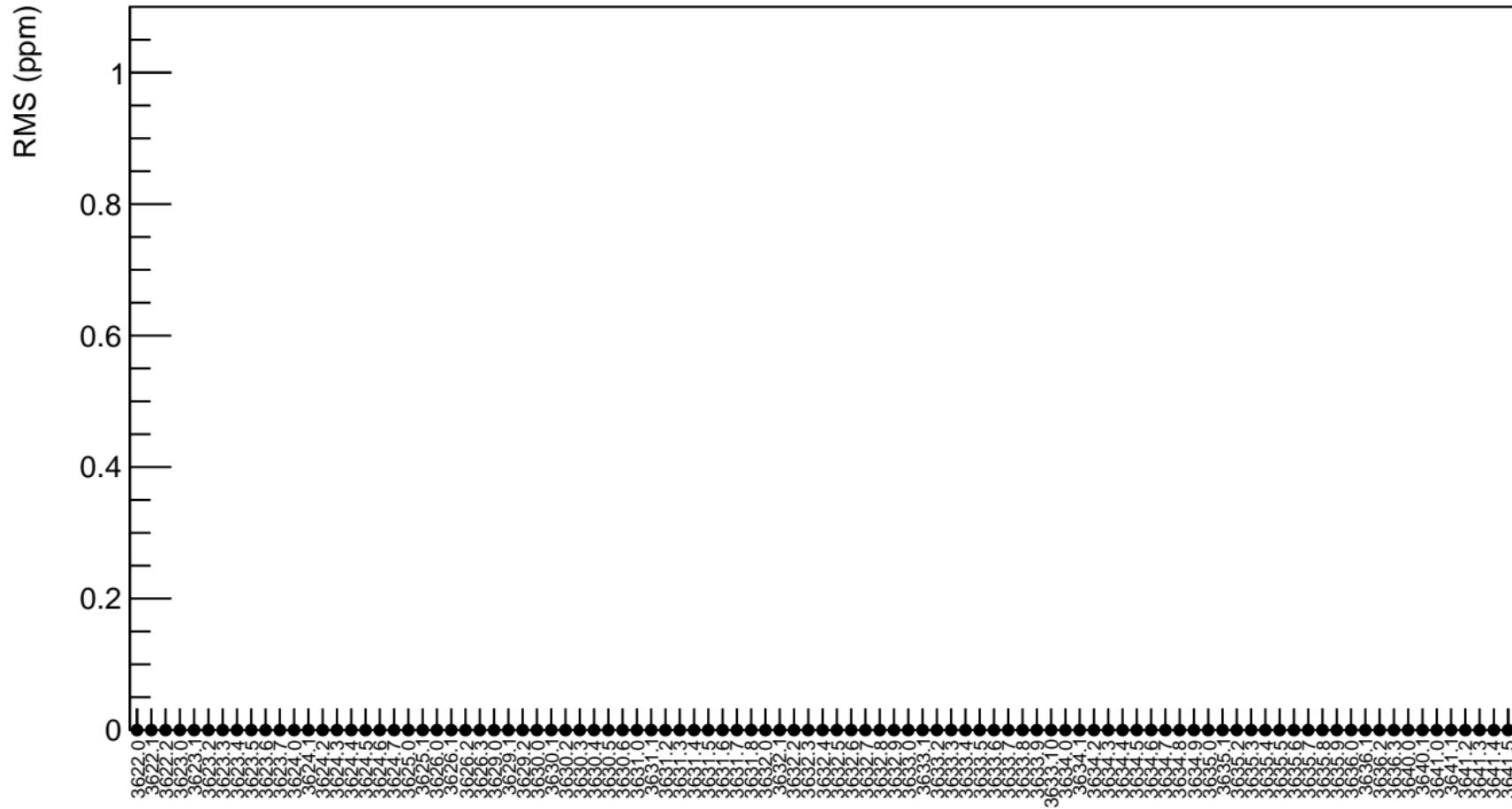
χ^2 / ndf 0 / 96
p0 0 ± 8.266



1D pull distribution

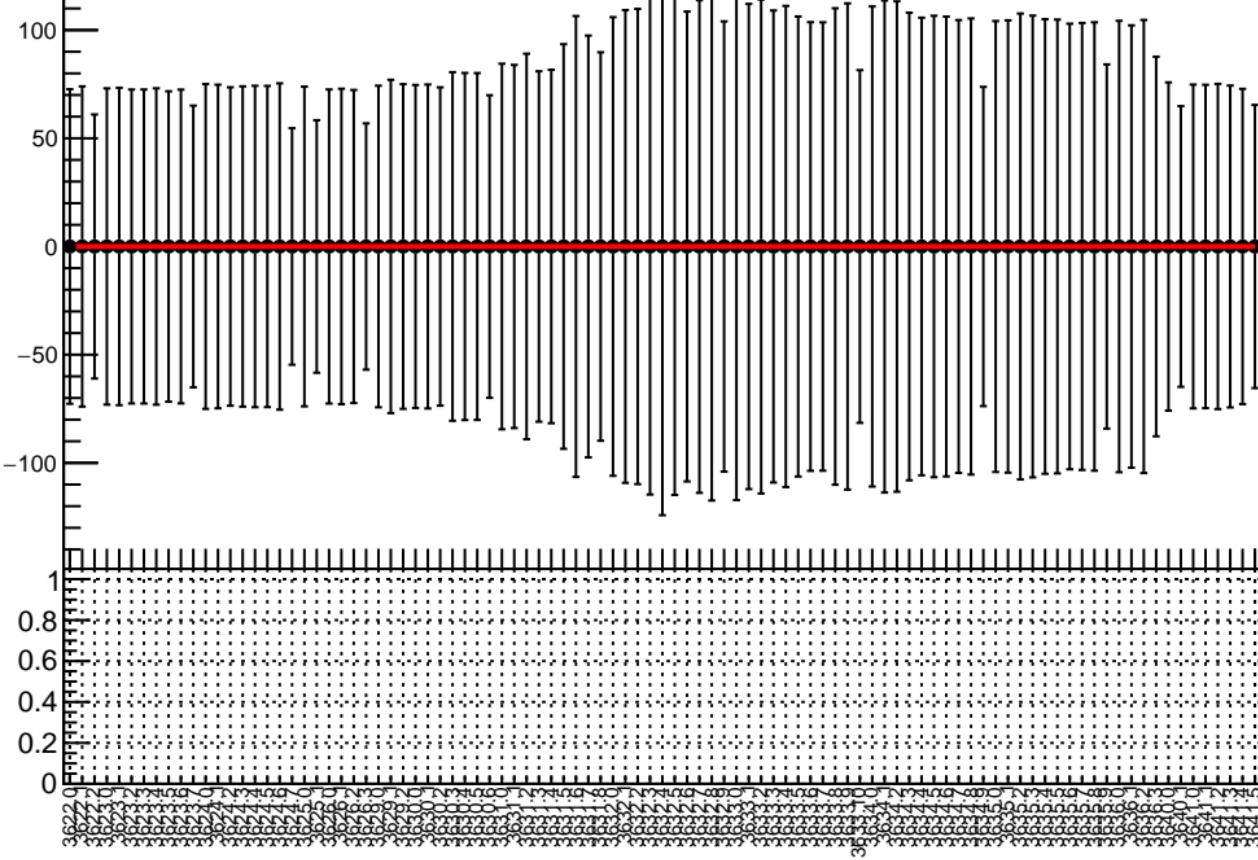


corr_Adet_bpm8X RMS (ppm)

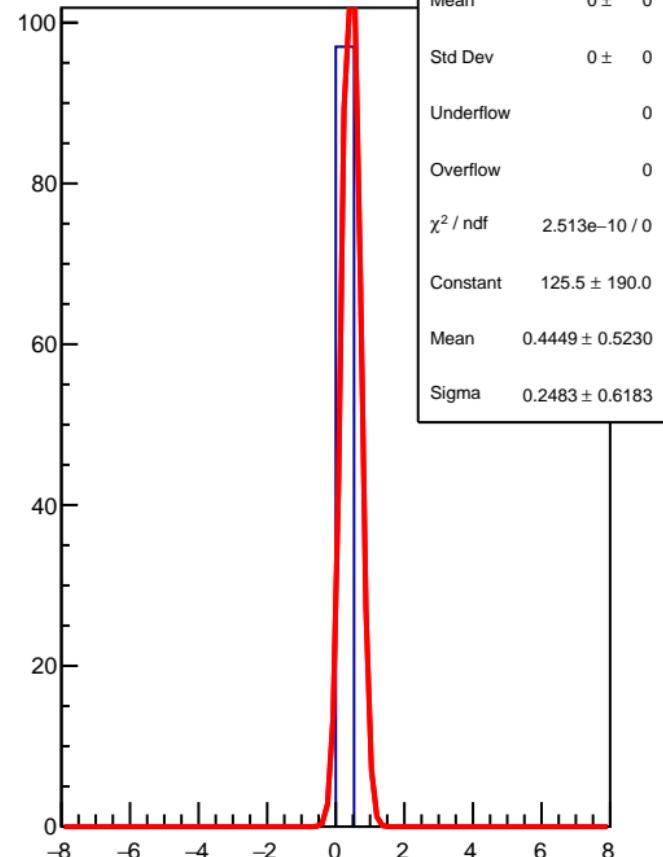


corr_Adet_bpm8Y (ppb)

χ^2 / ndf 0 / 96
p0 0 ± 8.546



1D pull distribution



corr_Adet_bpm8Y RMS (ppm)

RMS (ppm)

1

0.8

0.6

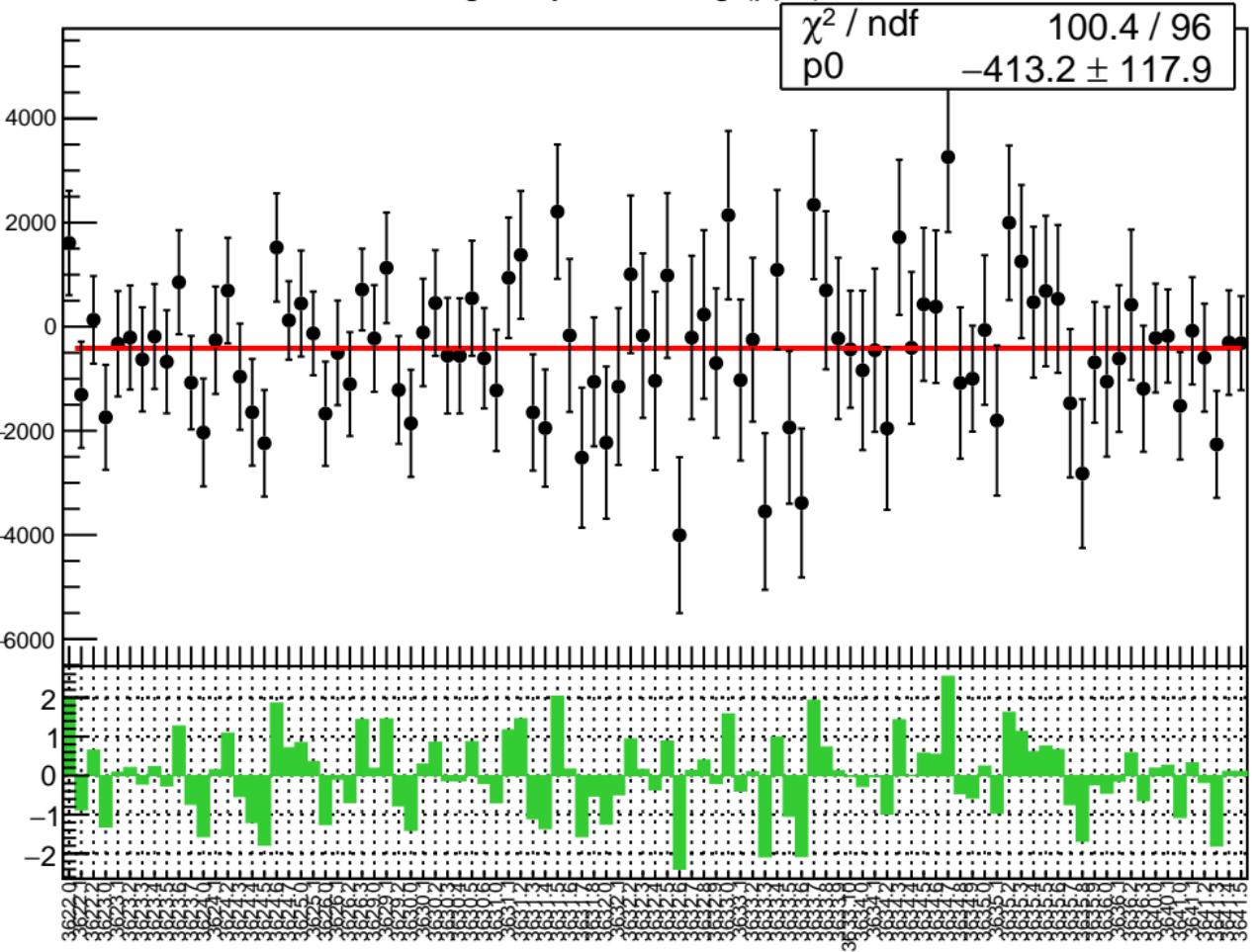
0.4

0.2

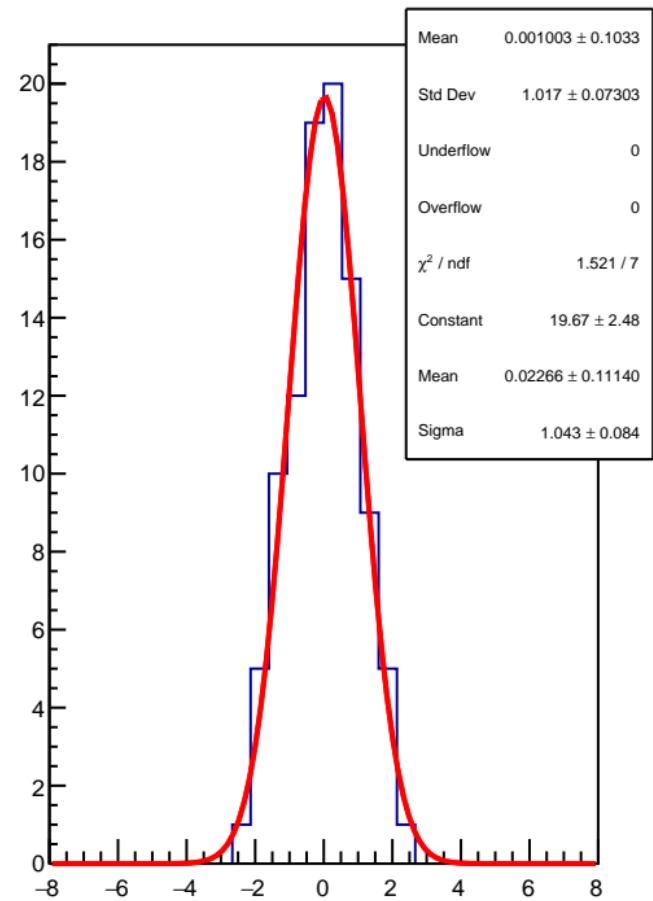
0



lagr_asym_us_avg (ppb)

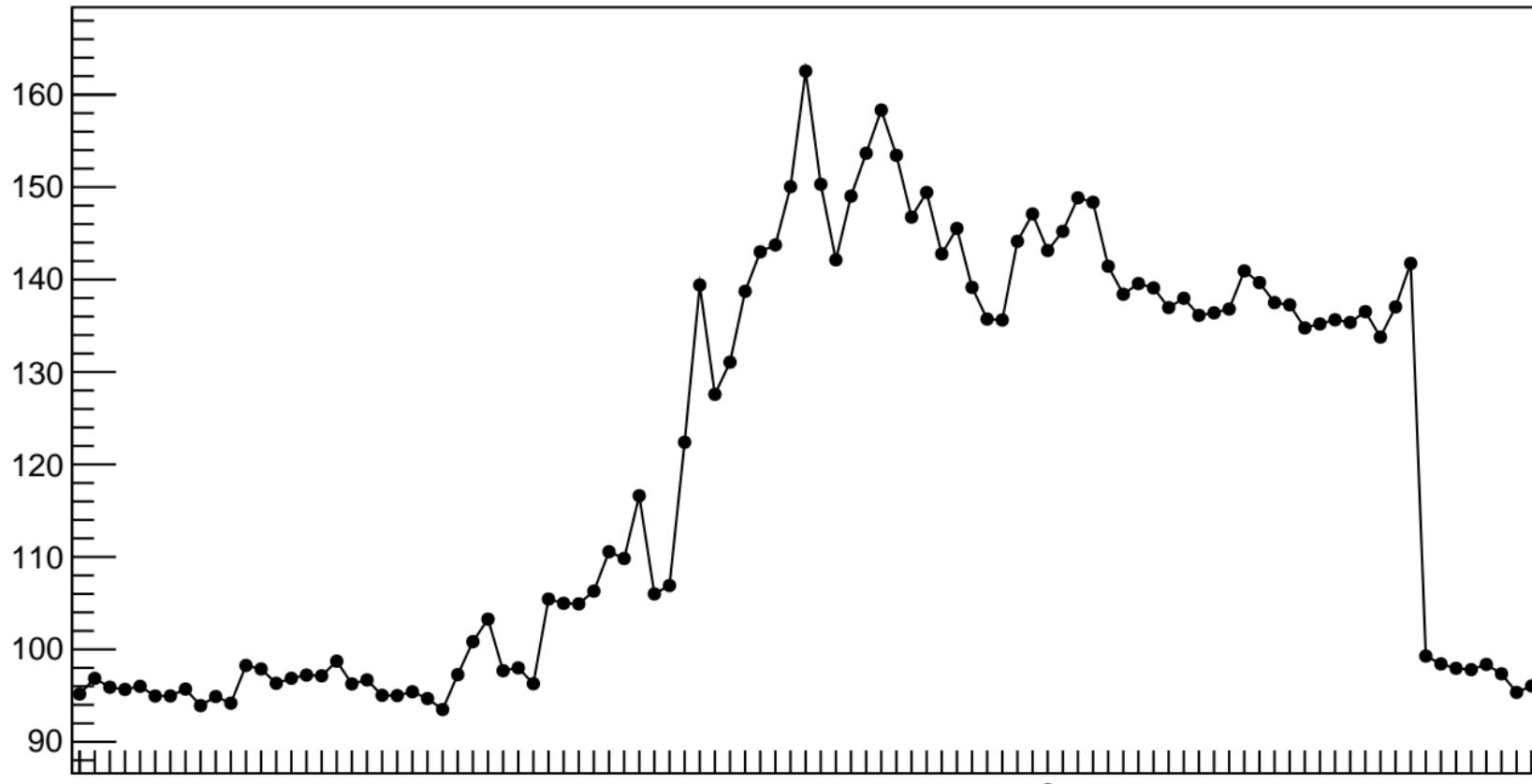


1D pull distribution

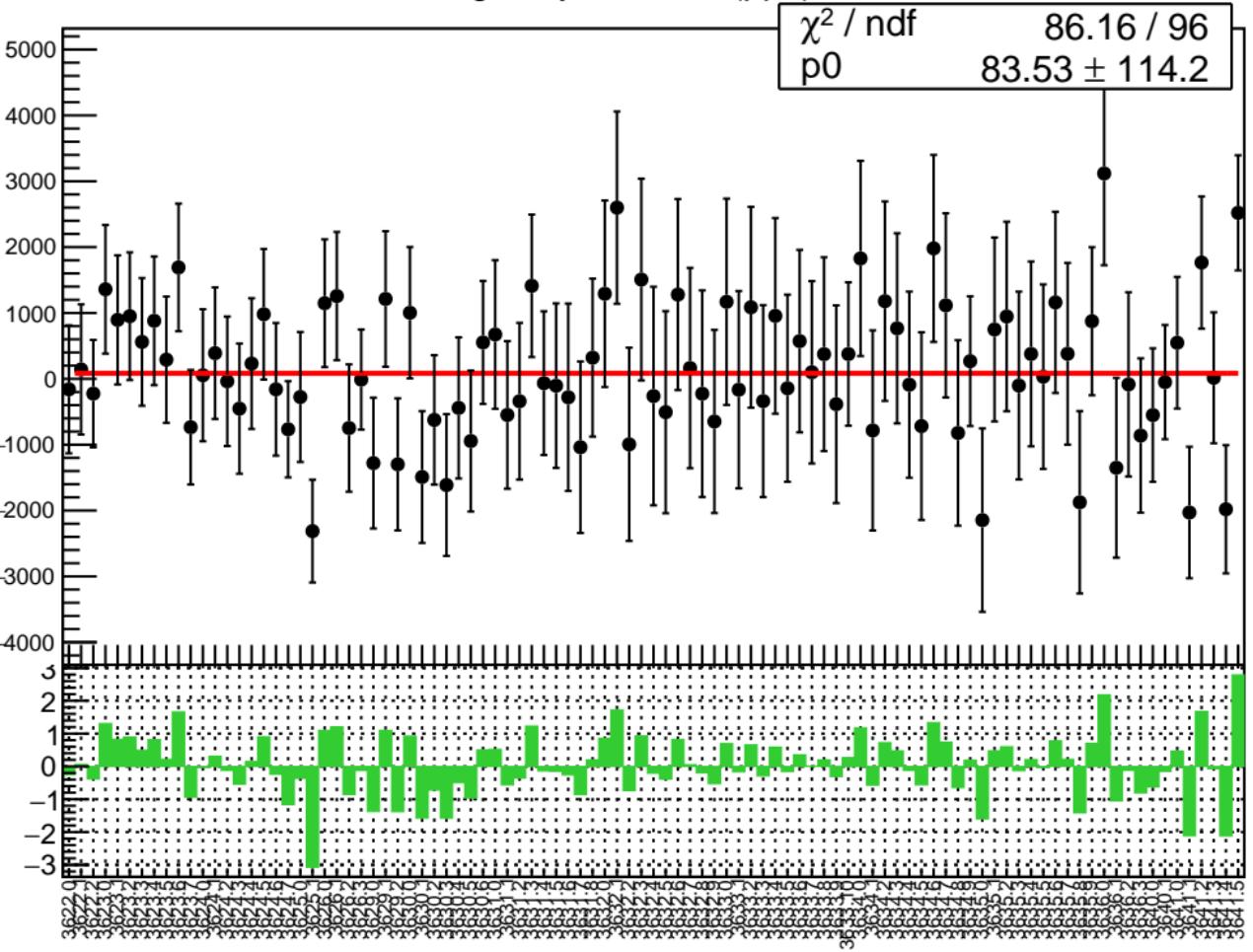


lagr_asym_us_avg RMS (ppm)

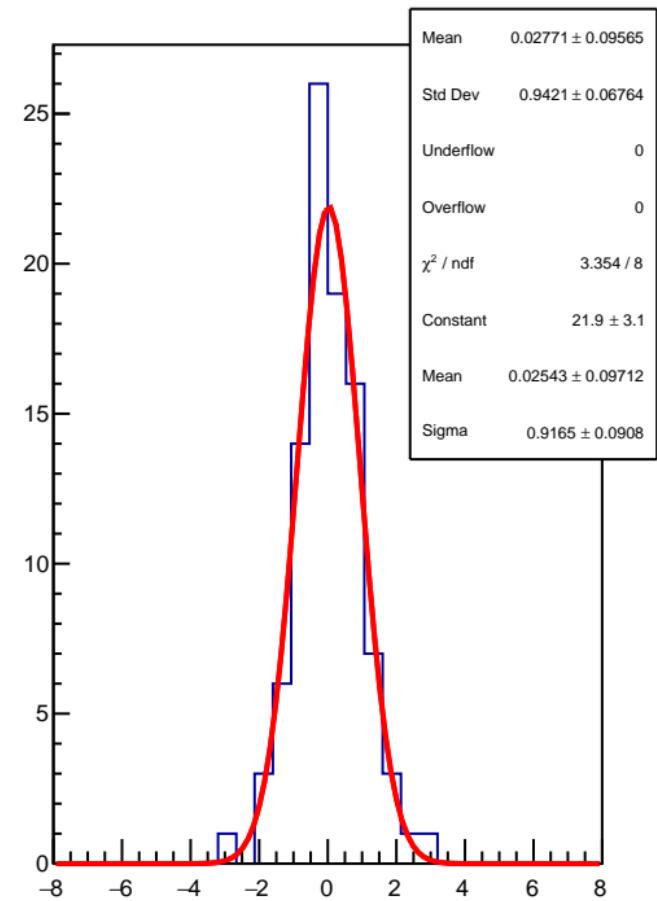
RMS (ppm)



lagr_asym_us_dd (ppb)

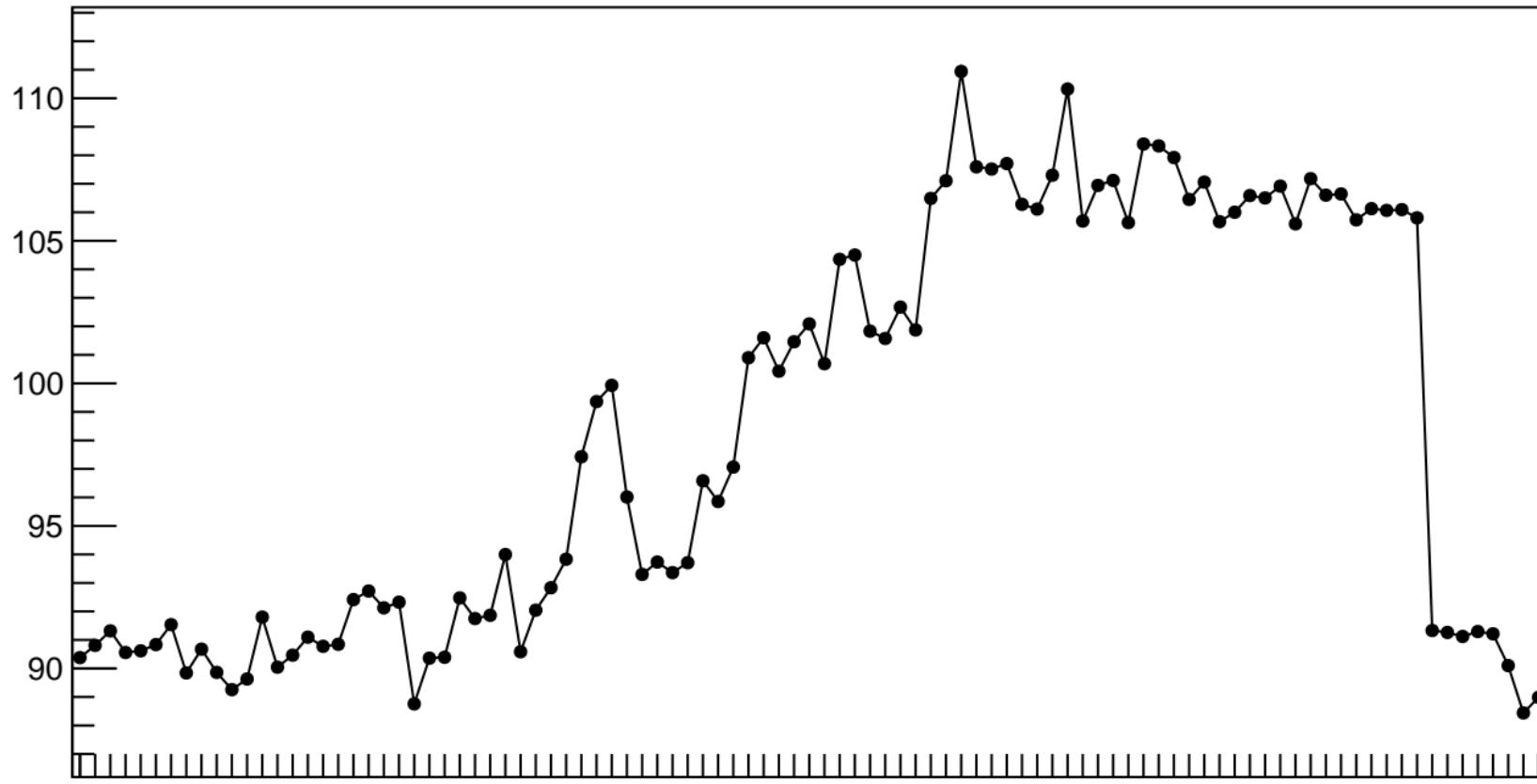


1D pull distribution

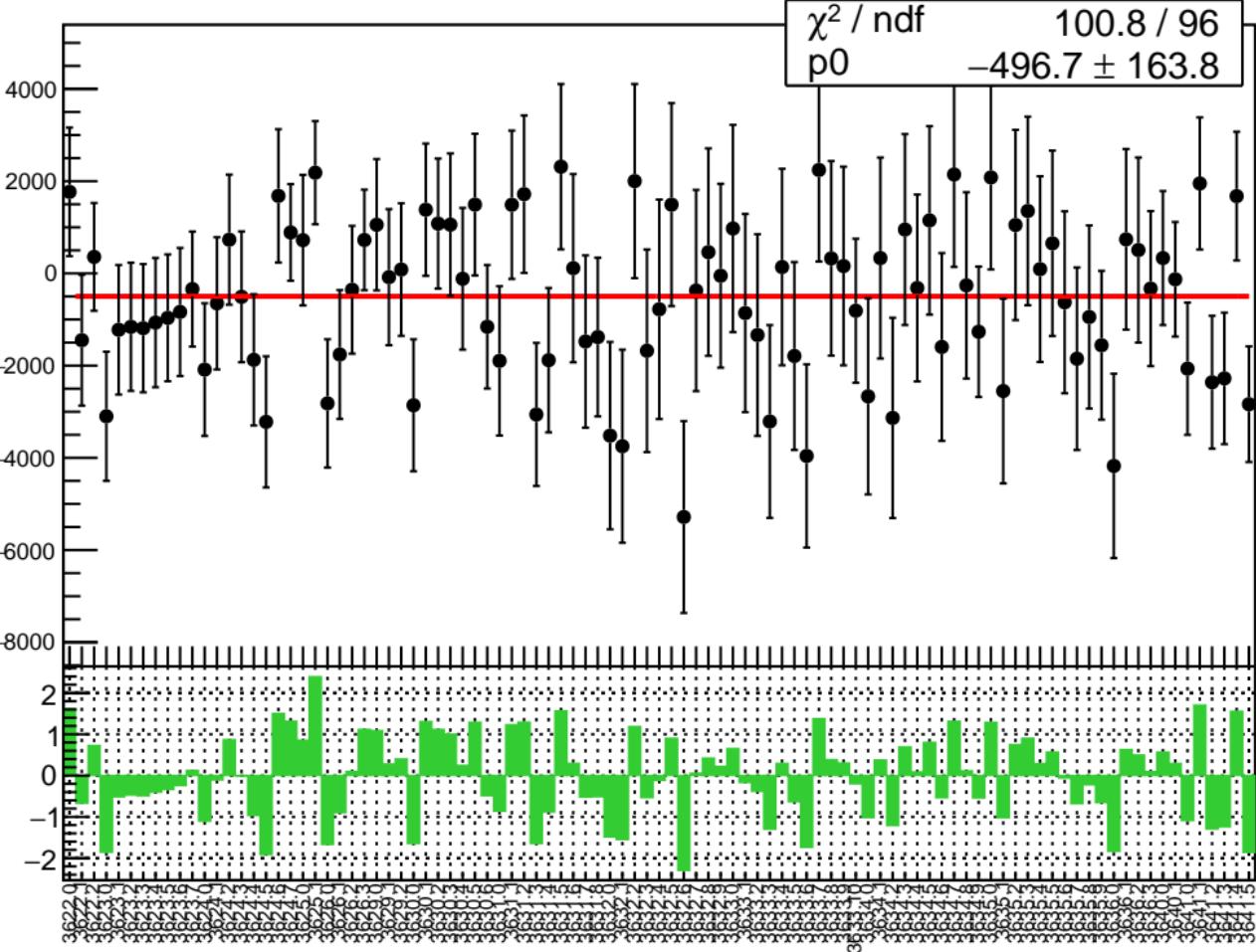


lagr_asym_us_dd RMS (ppm)

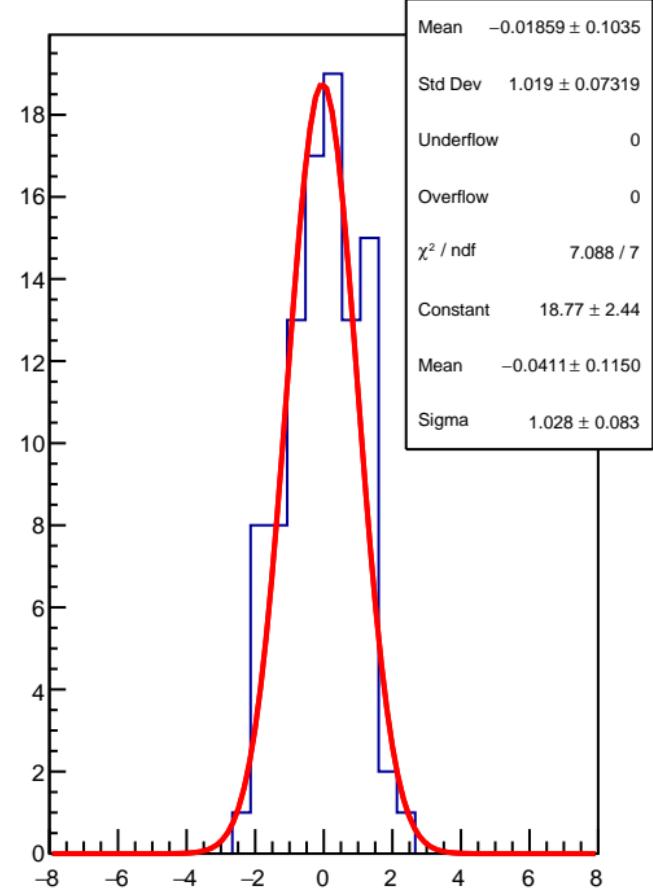
RMS (ppm)



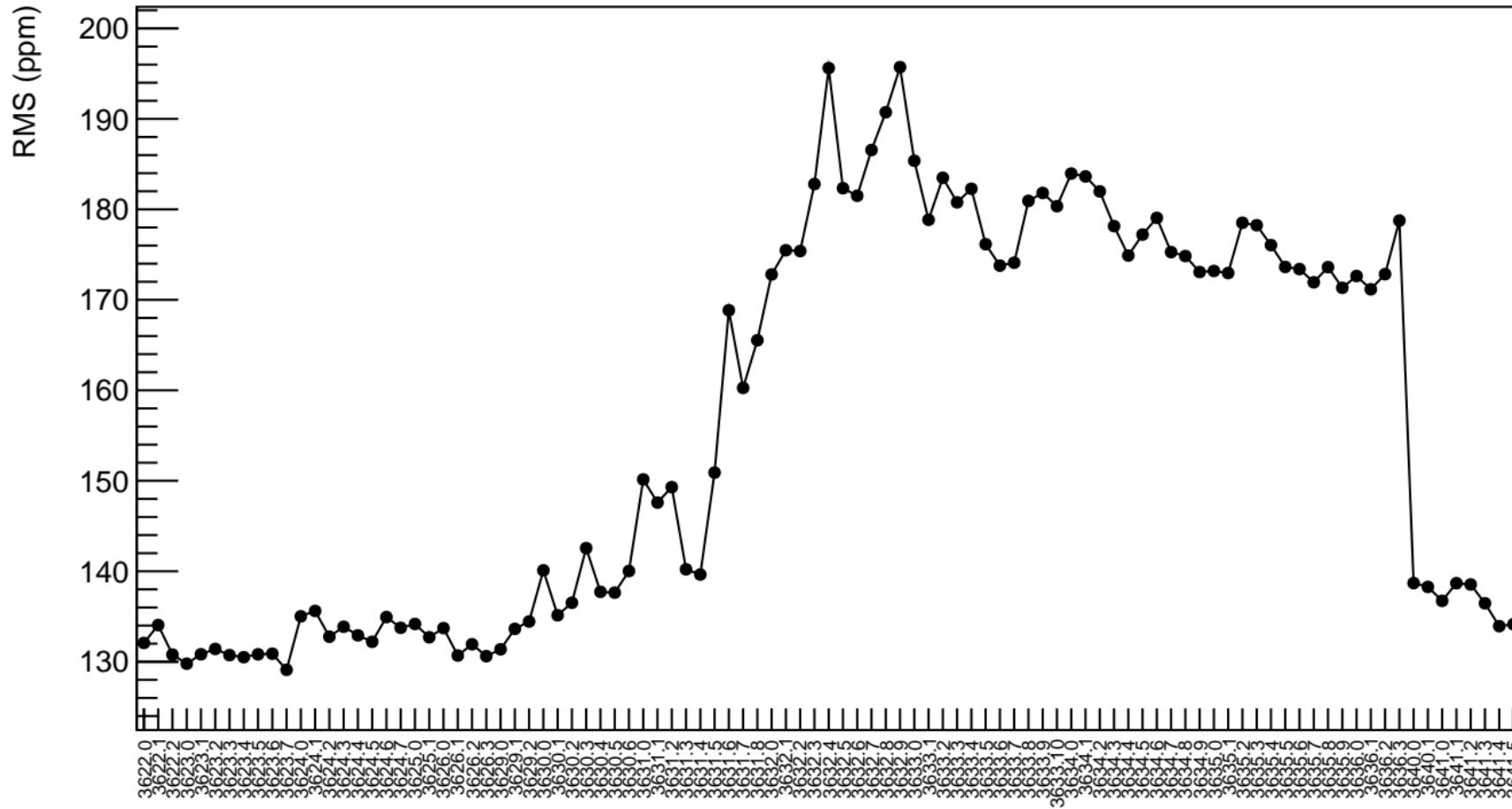
lagr_asym_usr (ppb)



1D pull distribution

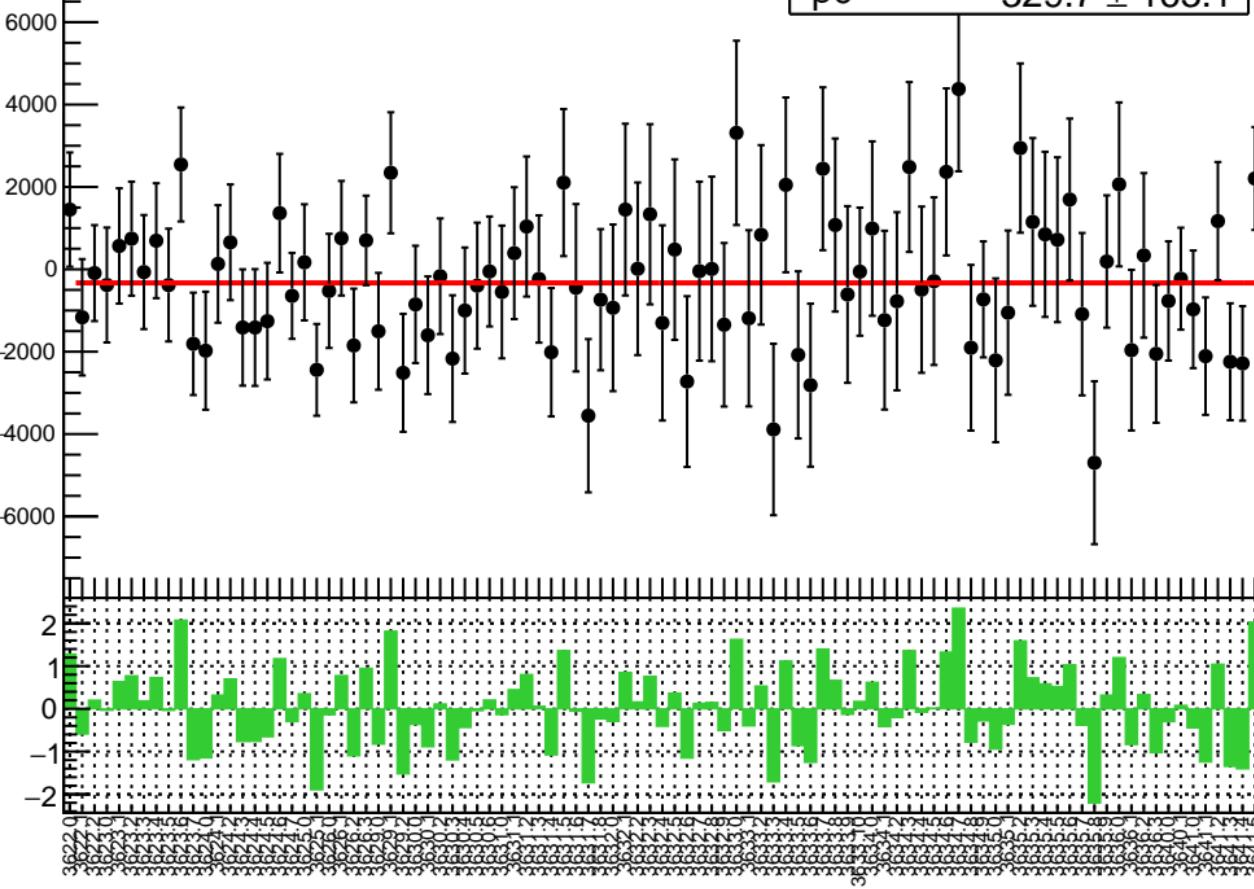


lagr_asym_usr RMS (ppm)

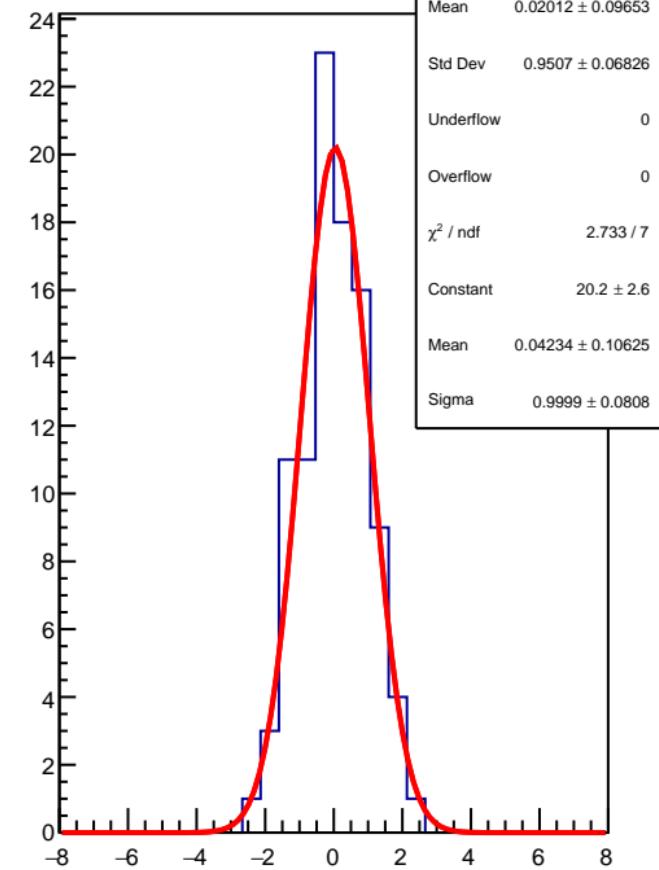


lagr_asym_usl (ppb)

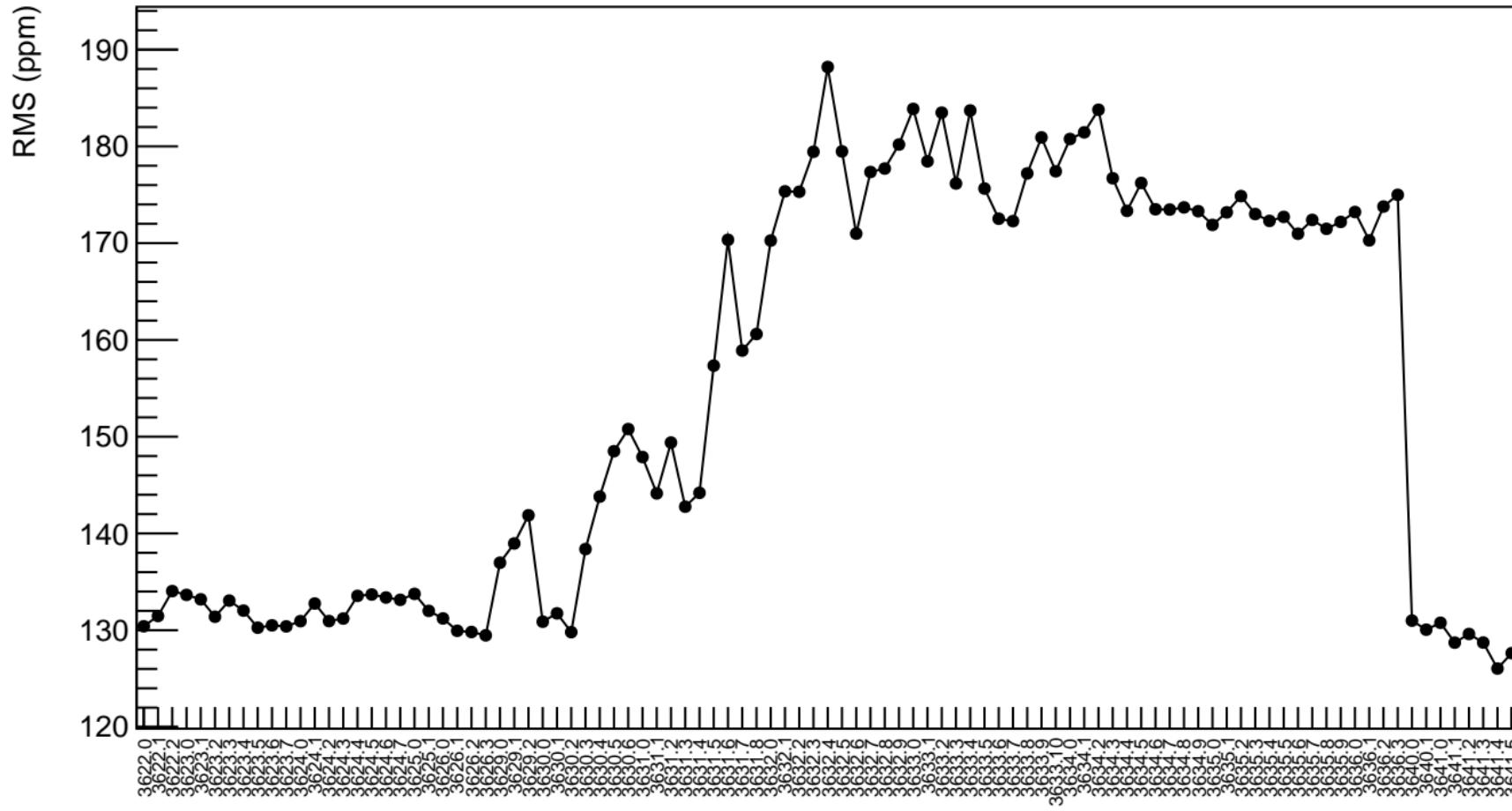
χ^2 / ndf 87.71 / 96
p0 -329.7 ± 163.1



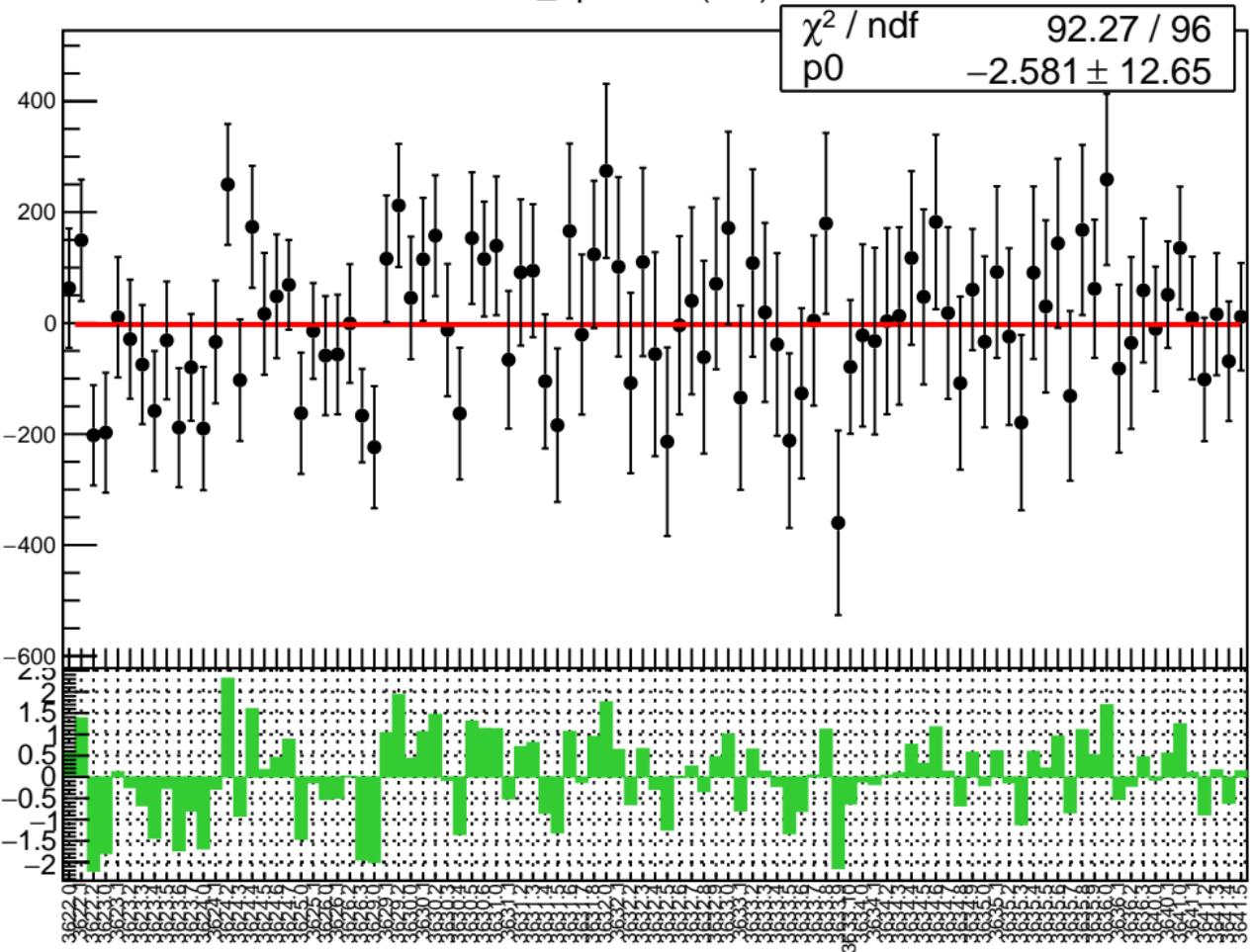
1D pull distribution



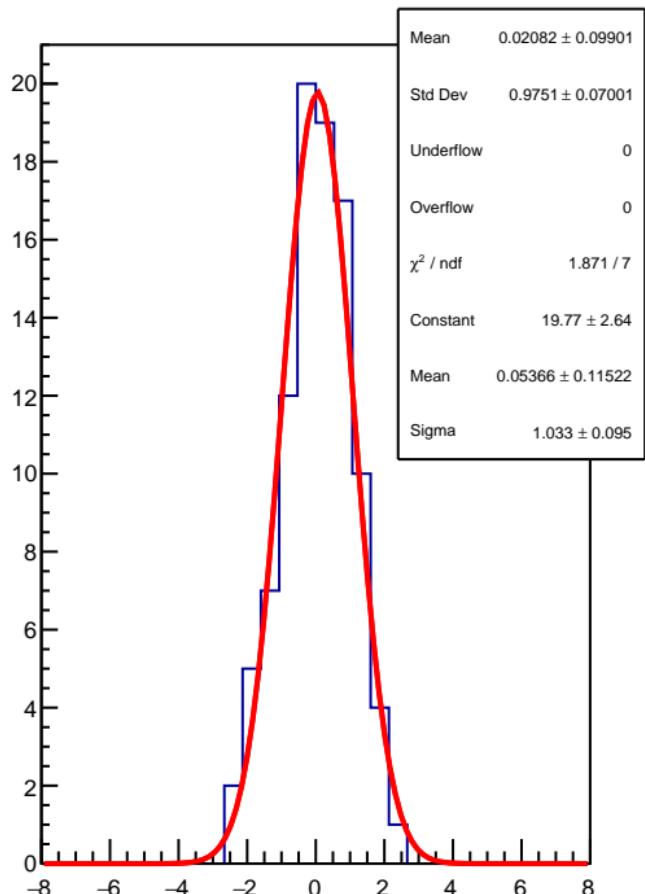
lagr_asym_usl RMS (ppm)



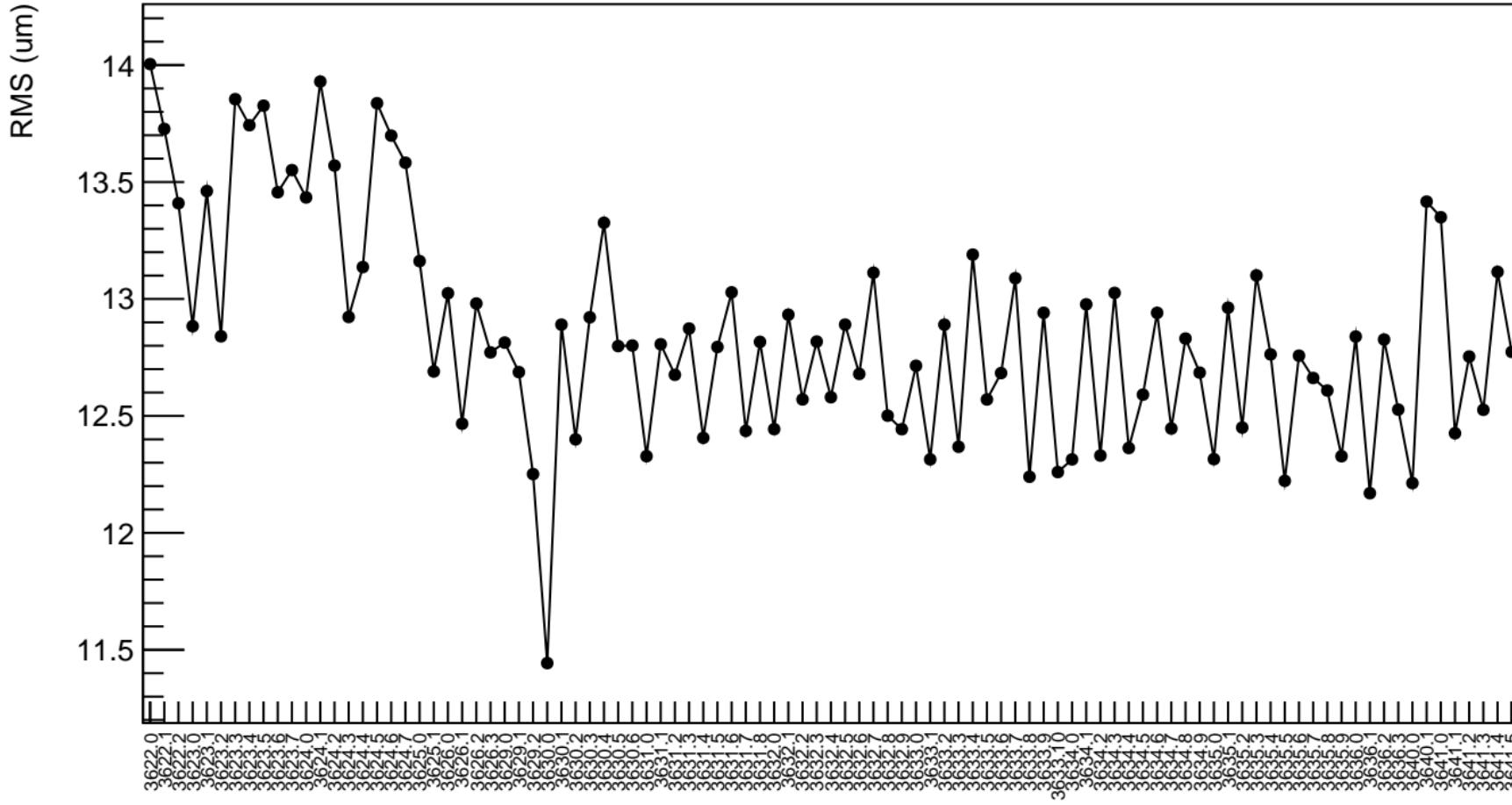
diff_bpm4eX (nm)



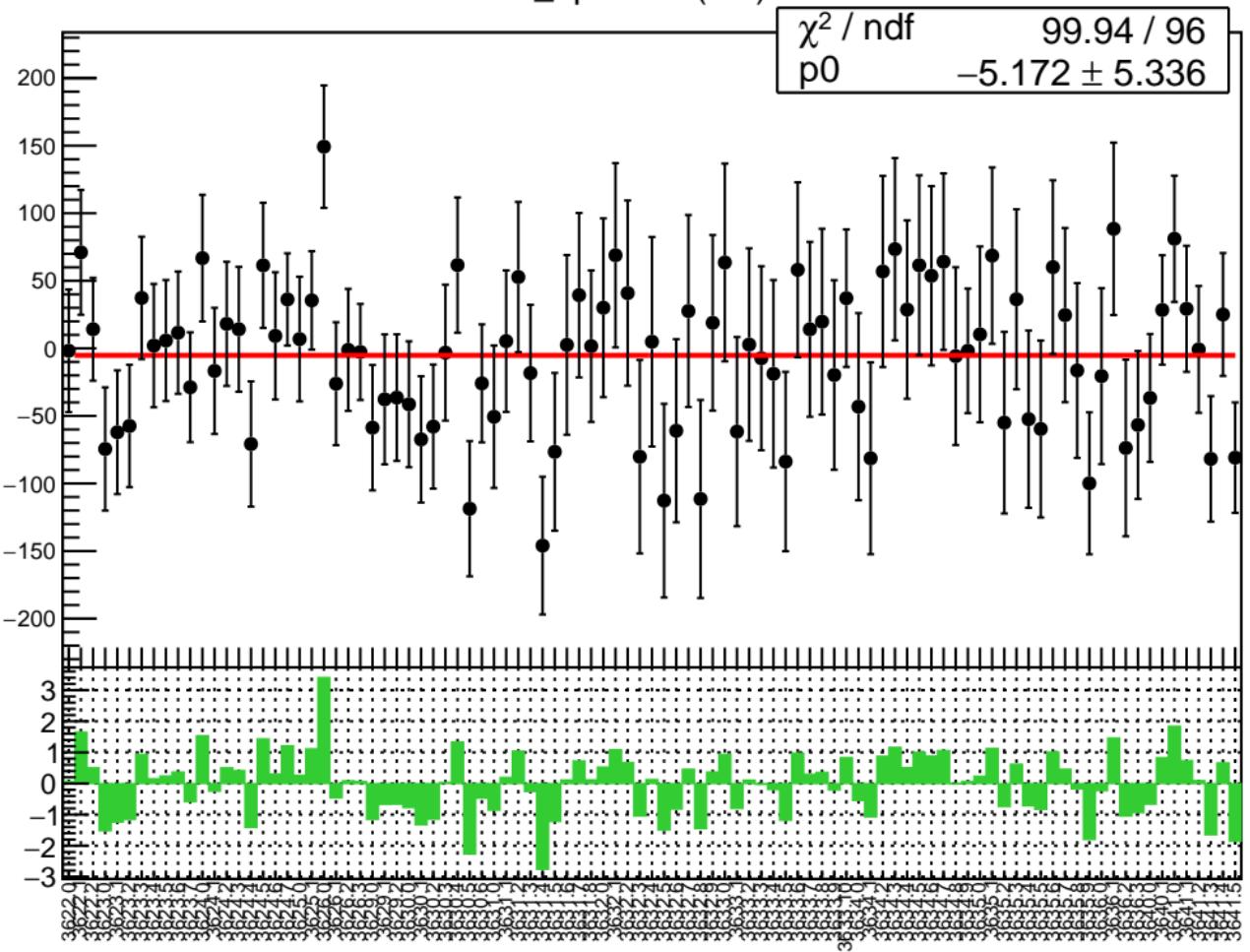
1D pull distribution



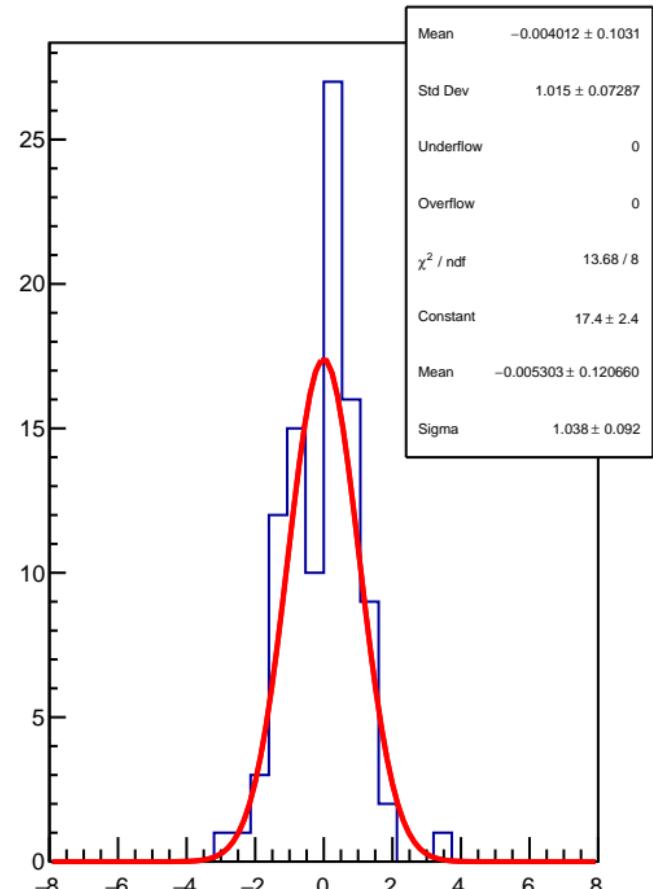
diff_bpm4eX RMS (um)



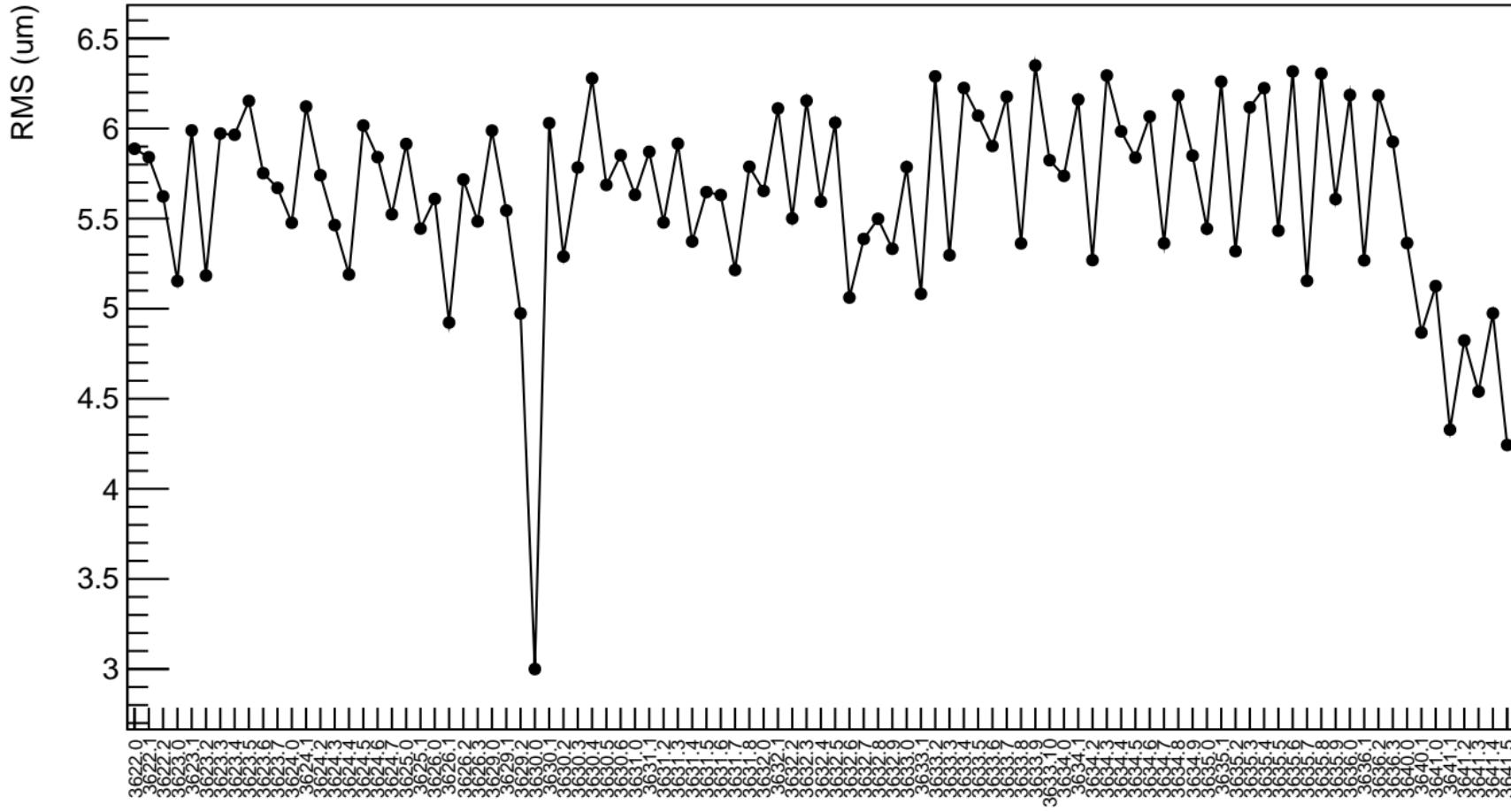
diff_bpm4eY (nm)



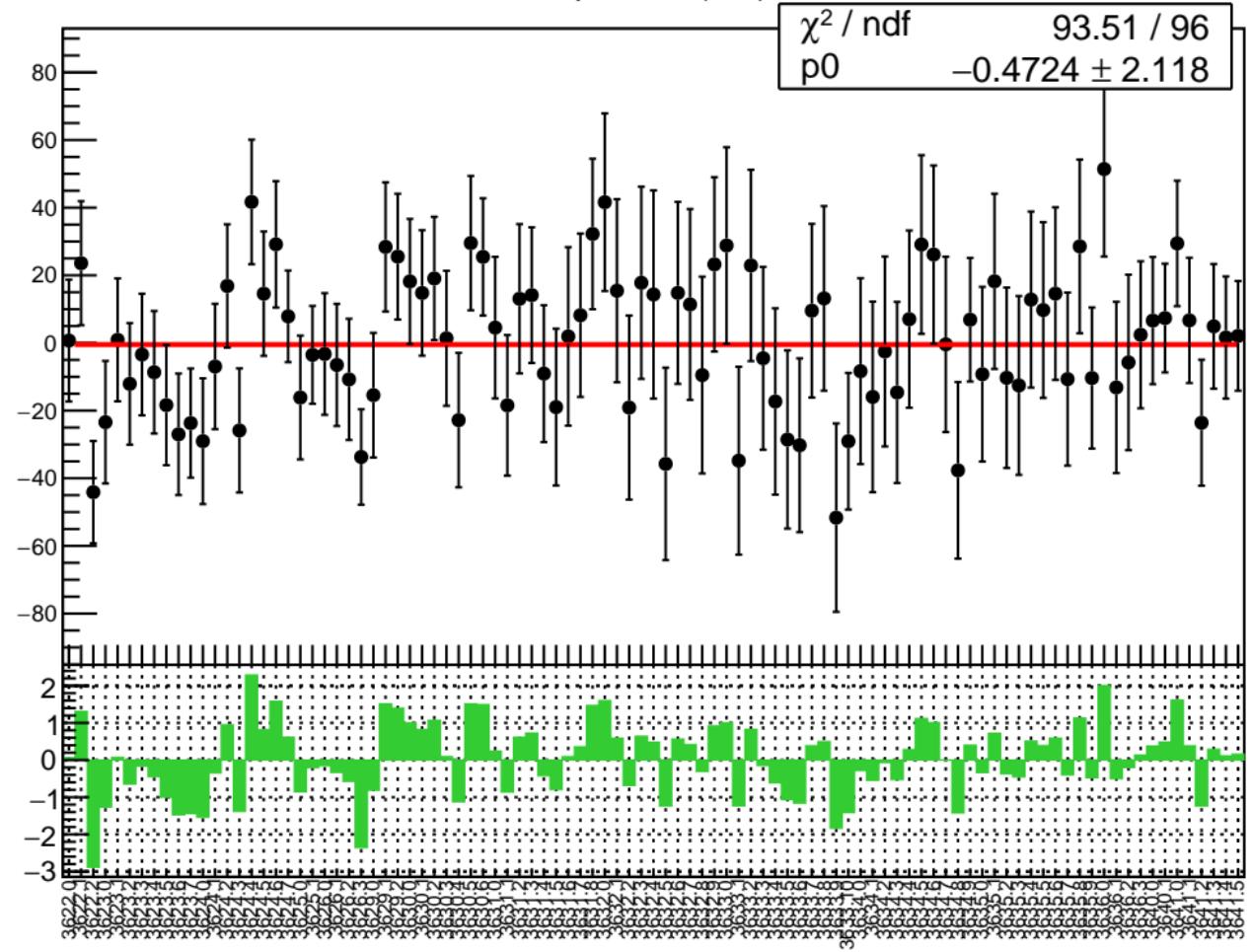
1D pull distribution



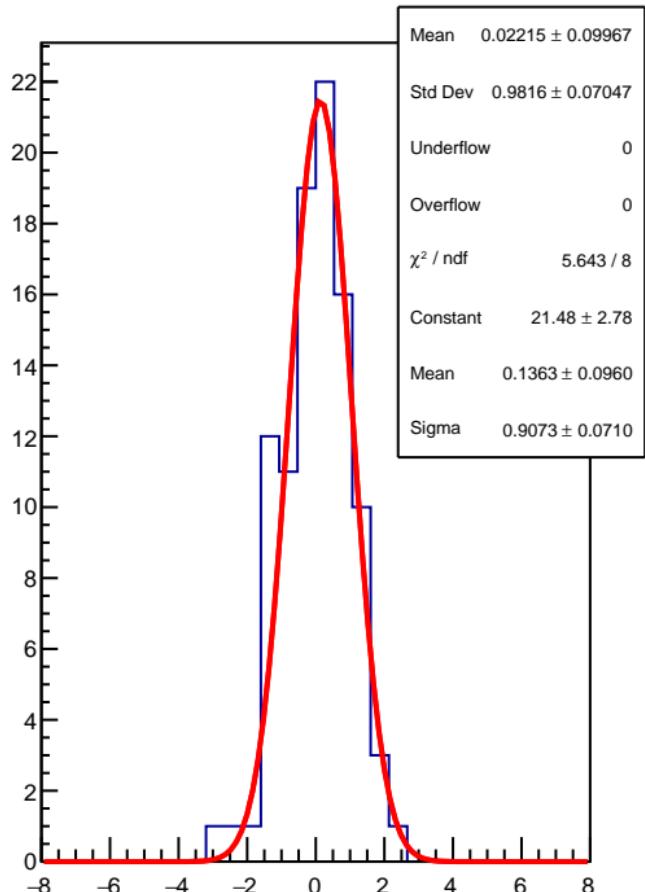
diff_bpm4eY RMS (um)



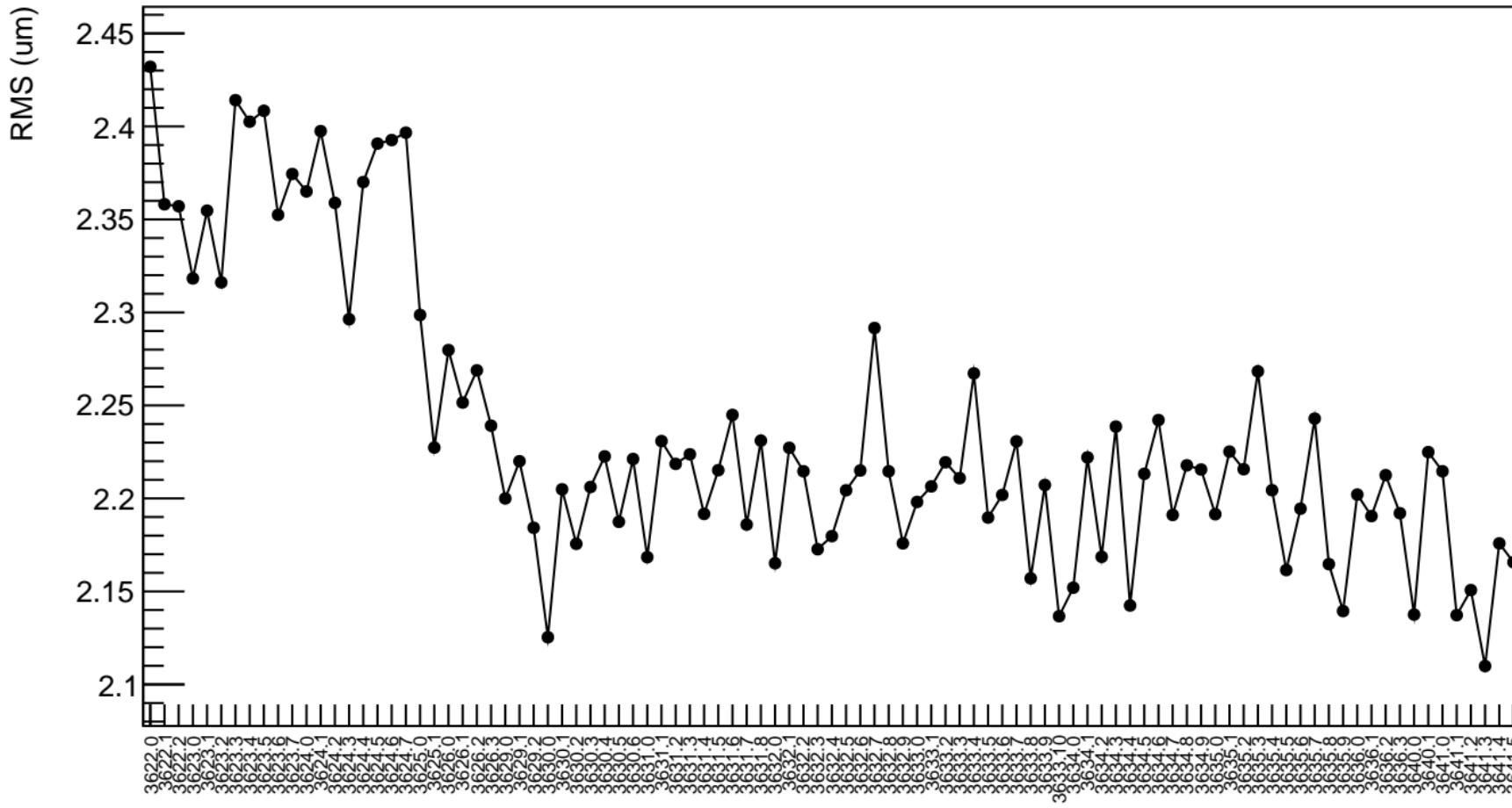
diff_bpm4aX (nm)



1D pull distribution

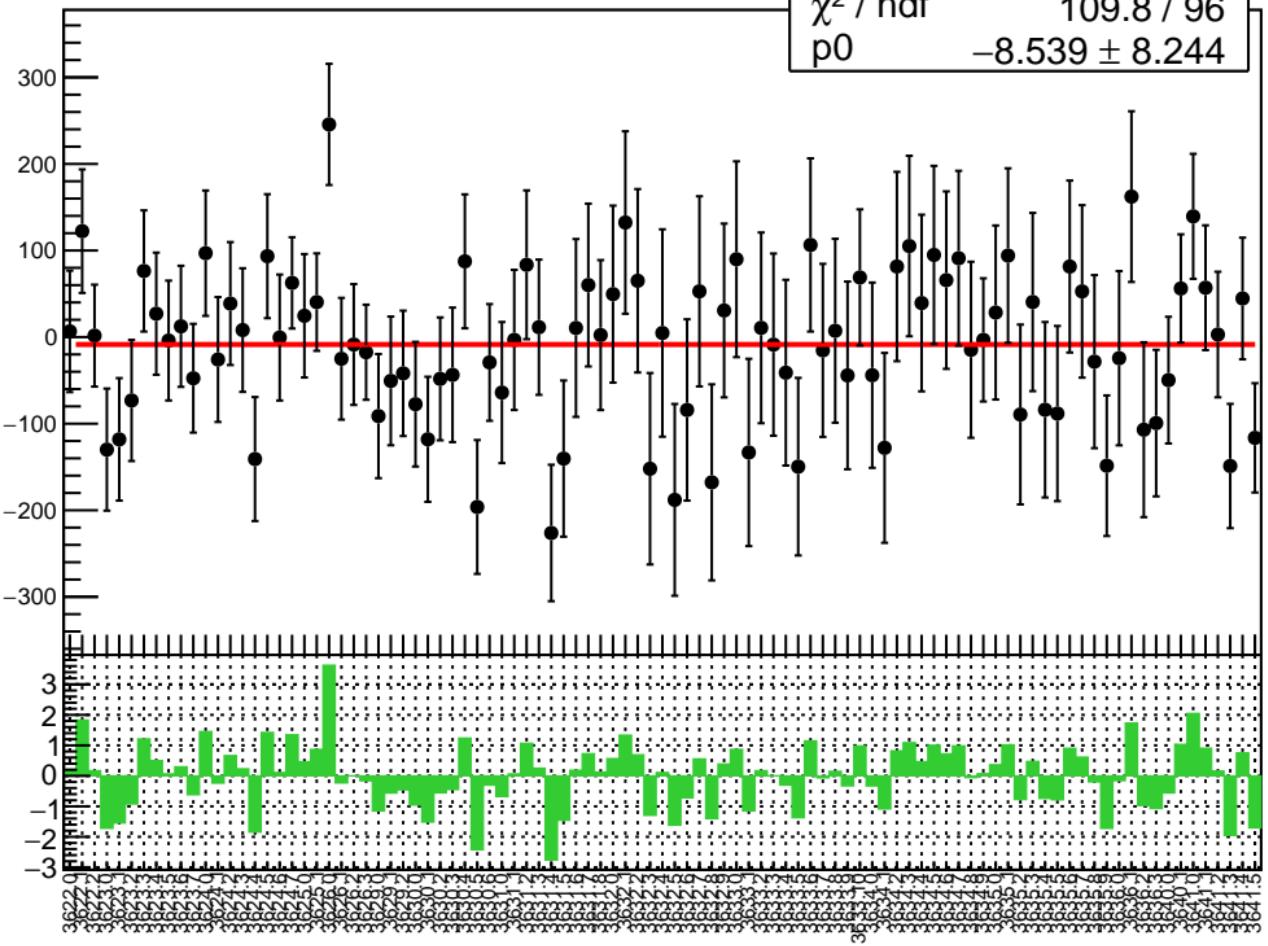


diff_bpm4aX RMS (um)

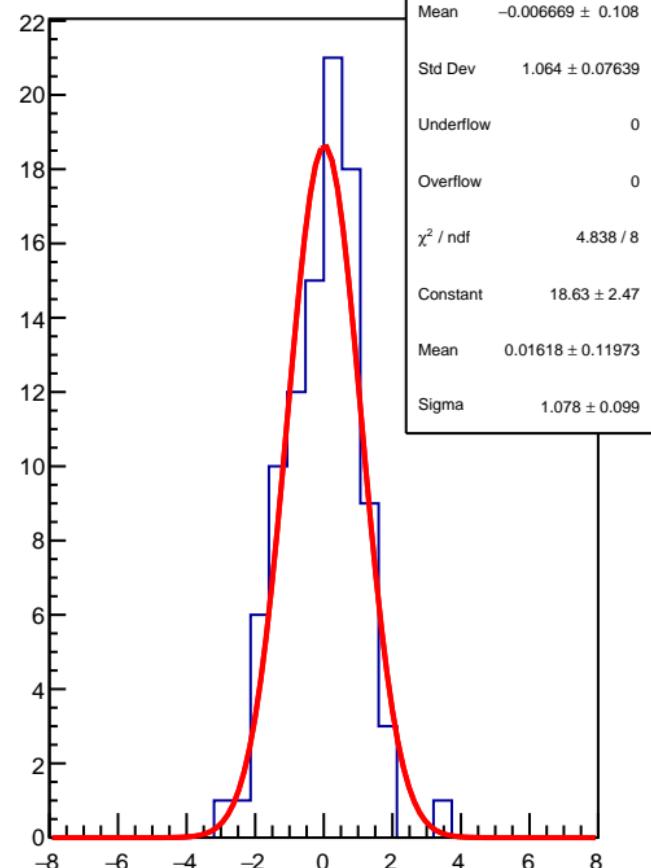


diff_bpm4aY (nm)

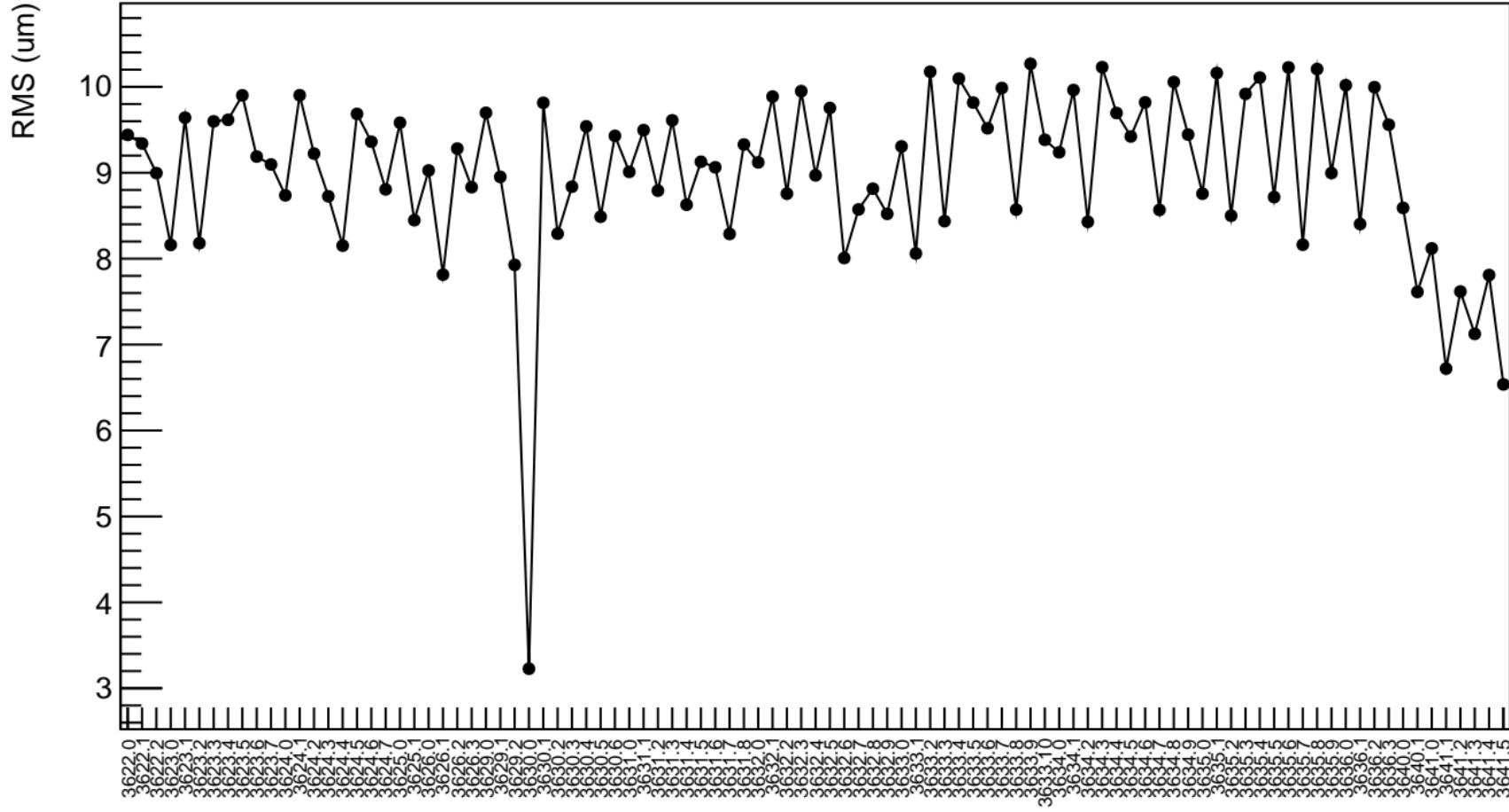
χ^2 / ndf 109.8 / 96
 p_0 -8.539 ± 8.244



1D pull distribution

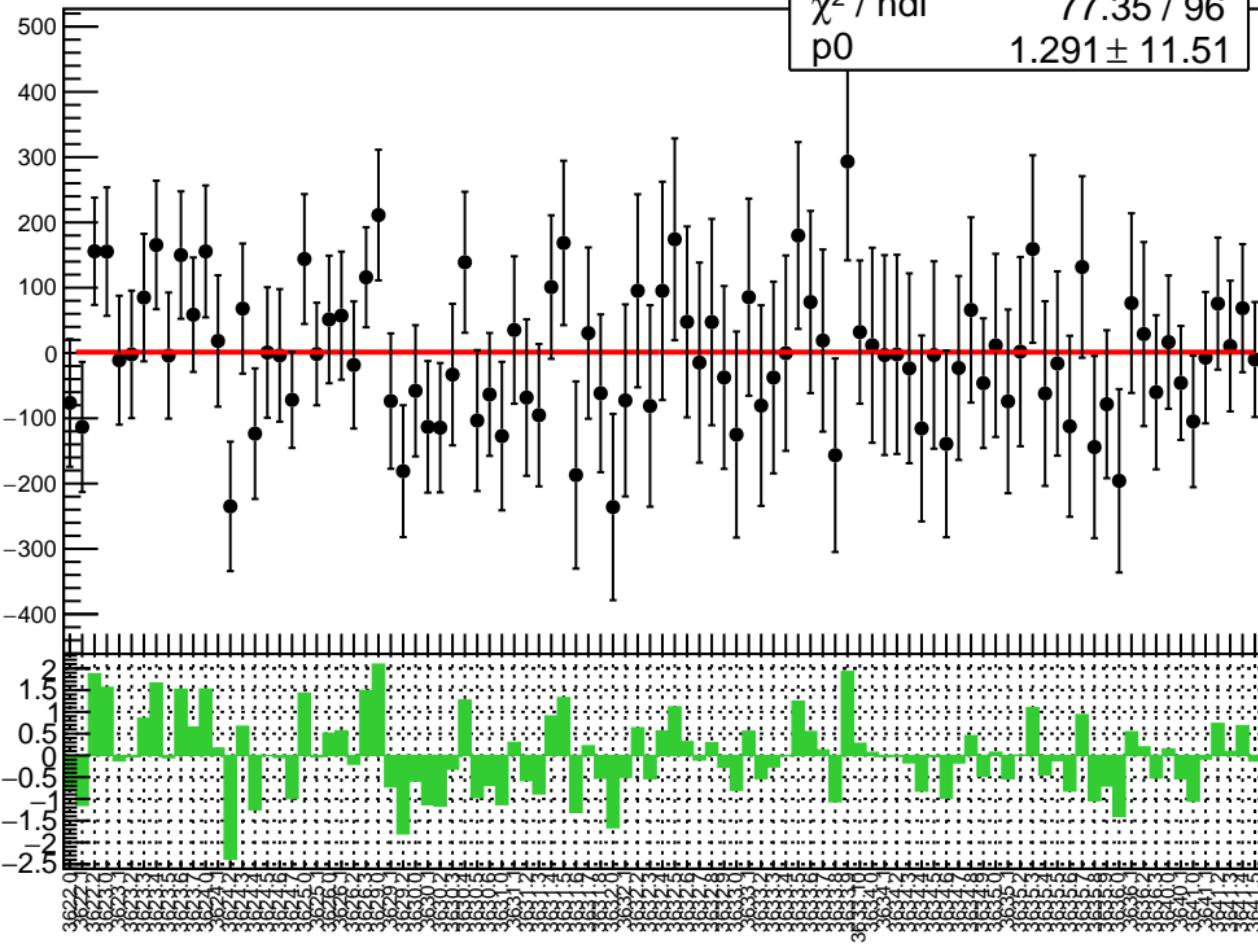


diff_bpm4aY RMS (um)

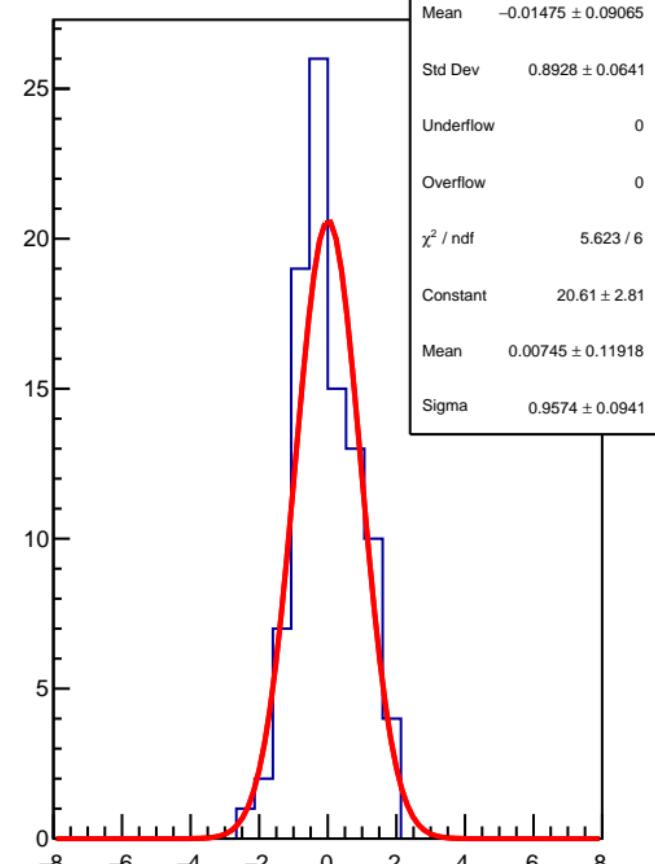


diff_bpm1X (nm)

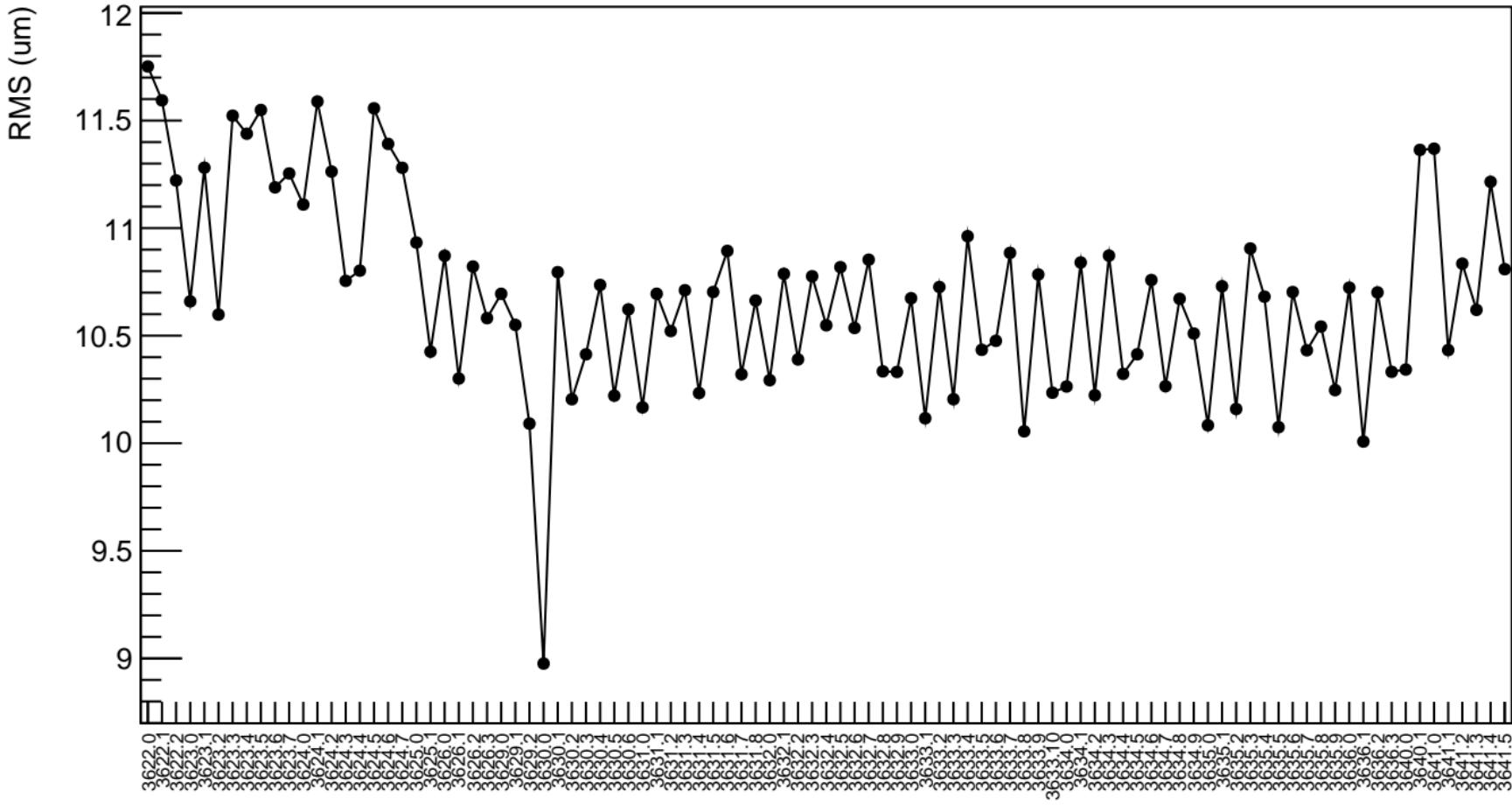
χ^2 / ndf 77.35 / 96
 p_0 1.291 ± 11.51



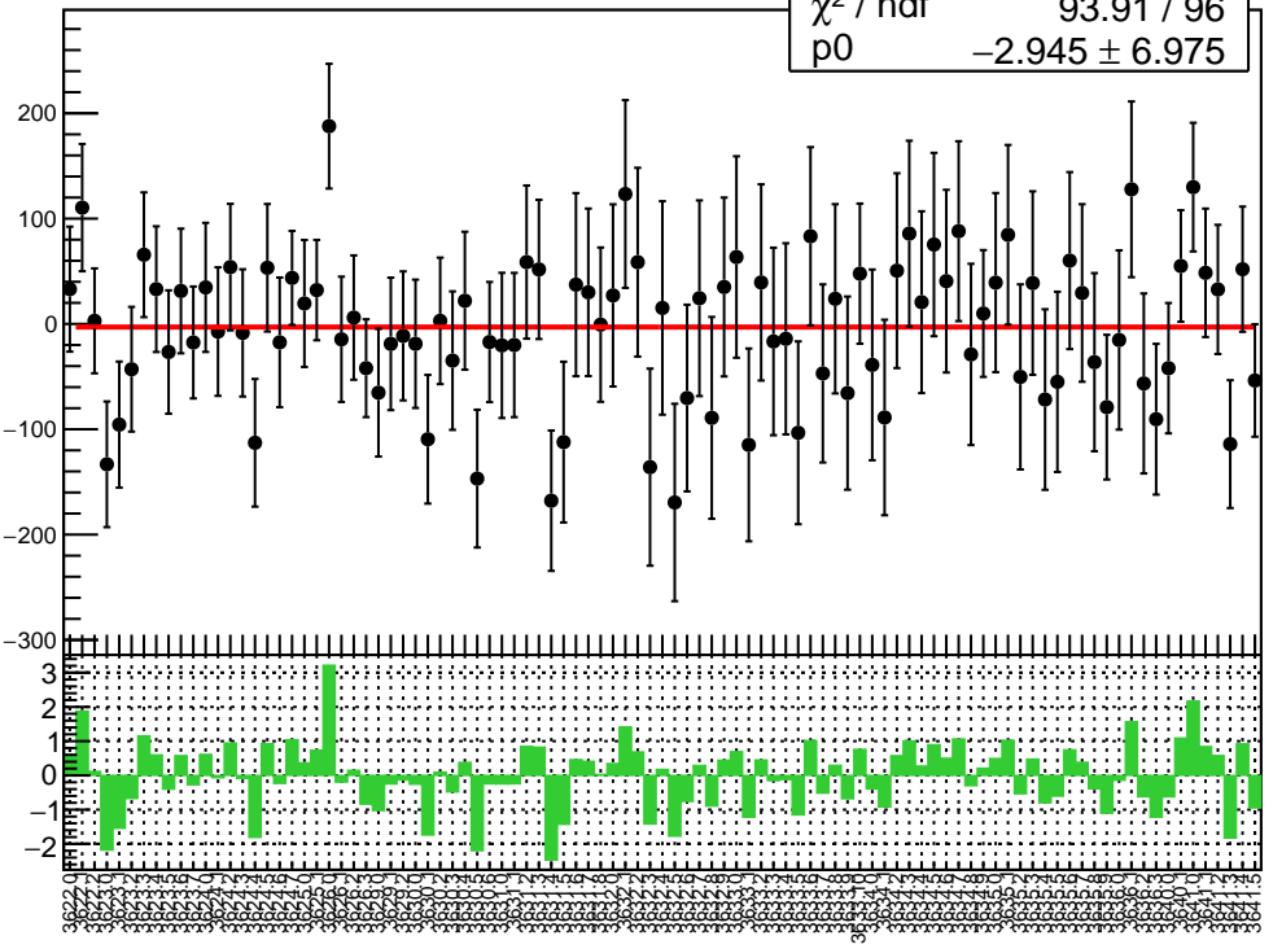
1D pull distribution



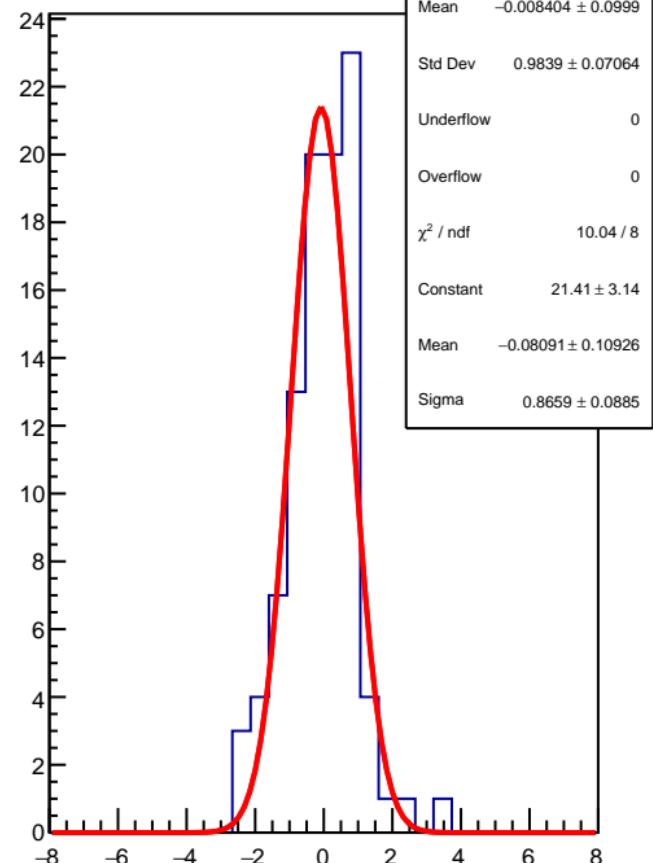
diff_bpm1X RMS (um)



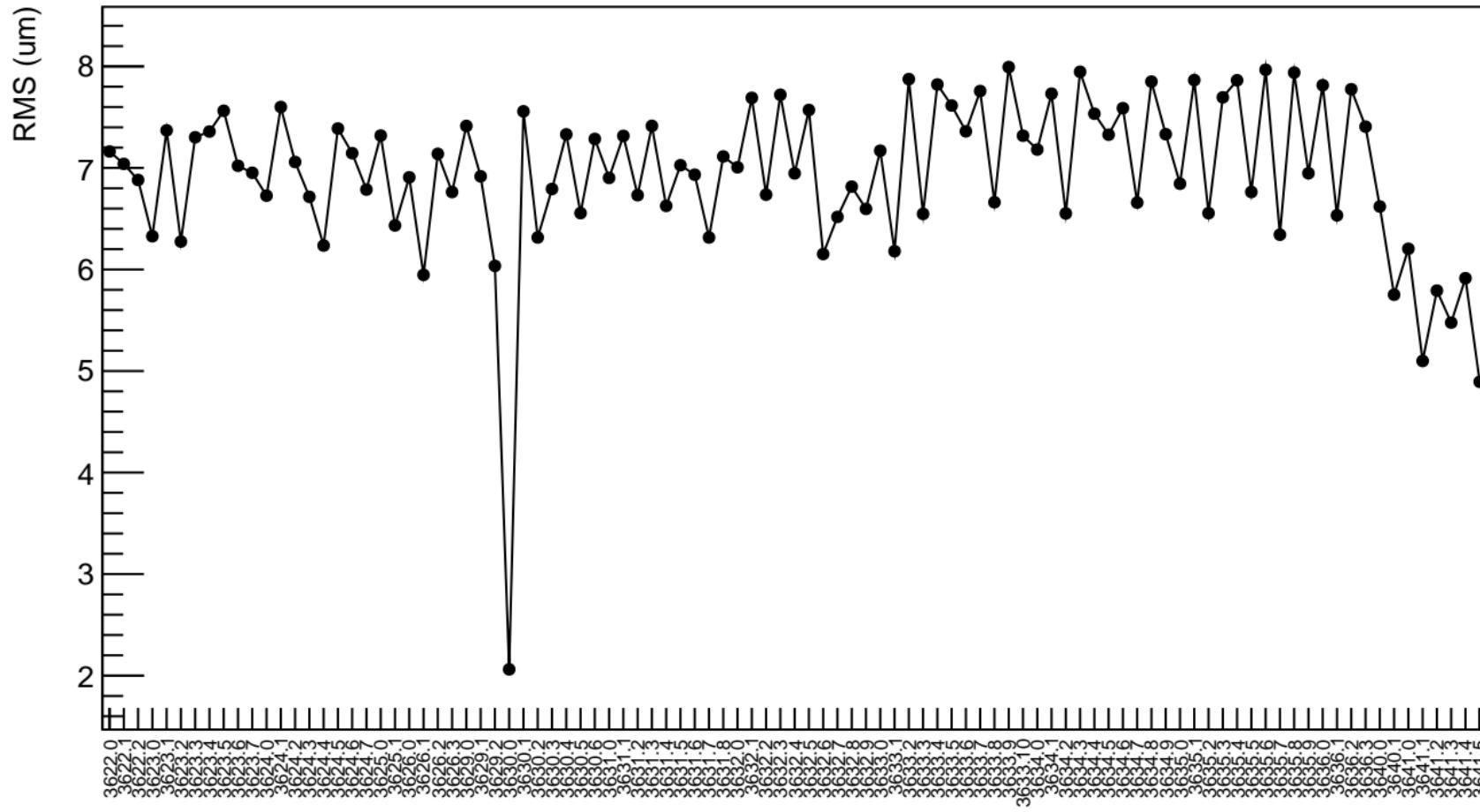
diff_bpm1Y (nm)

 χ^2 / ndf
 93.91 / 96
 p_0
 -2.945 ± 6.975


1D pull distribution

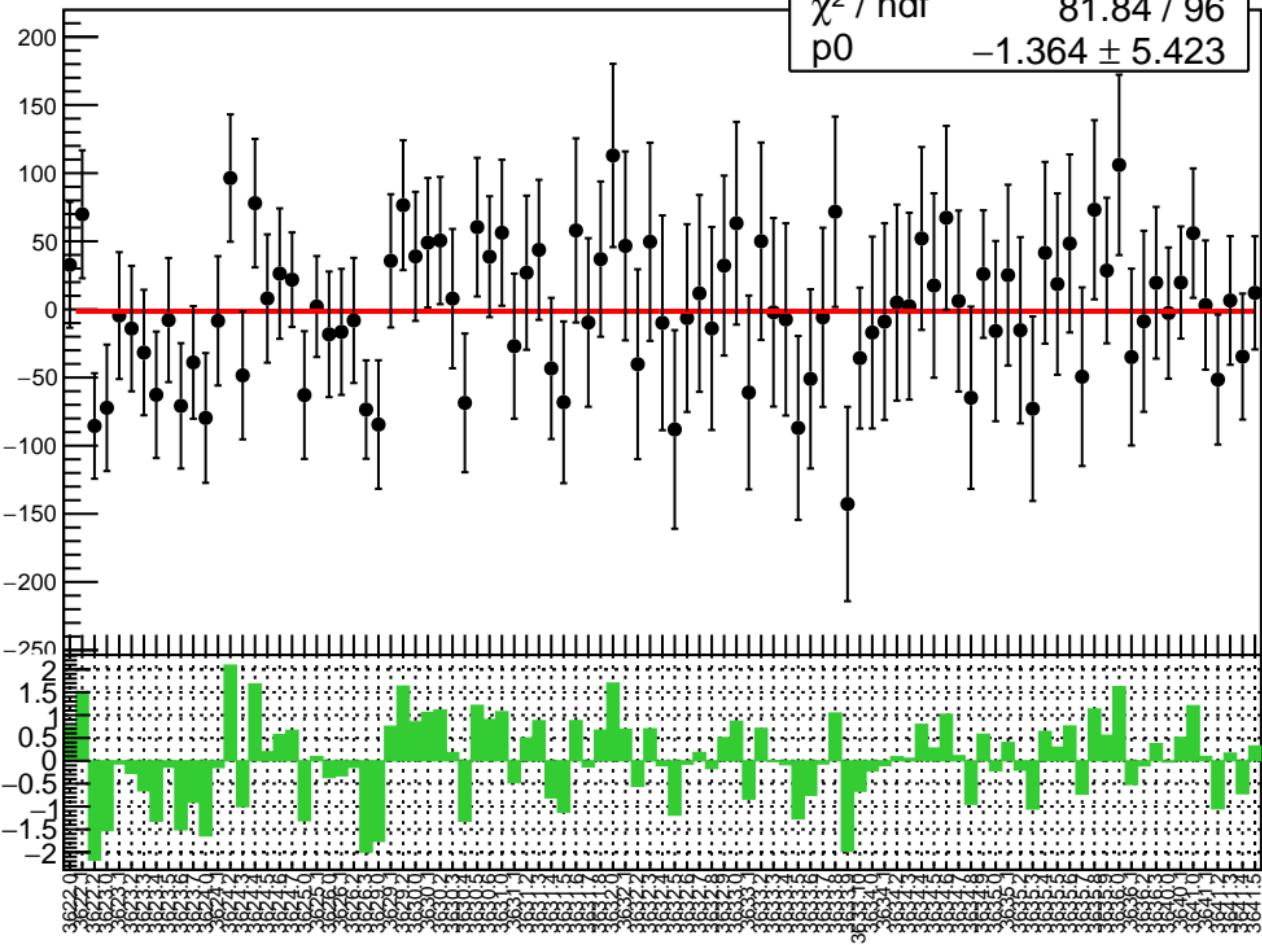


diff_bpm1Y RMS (um)

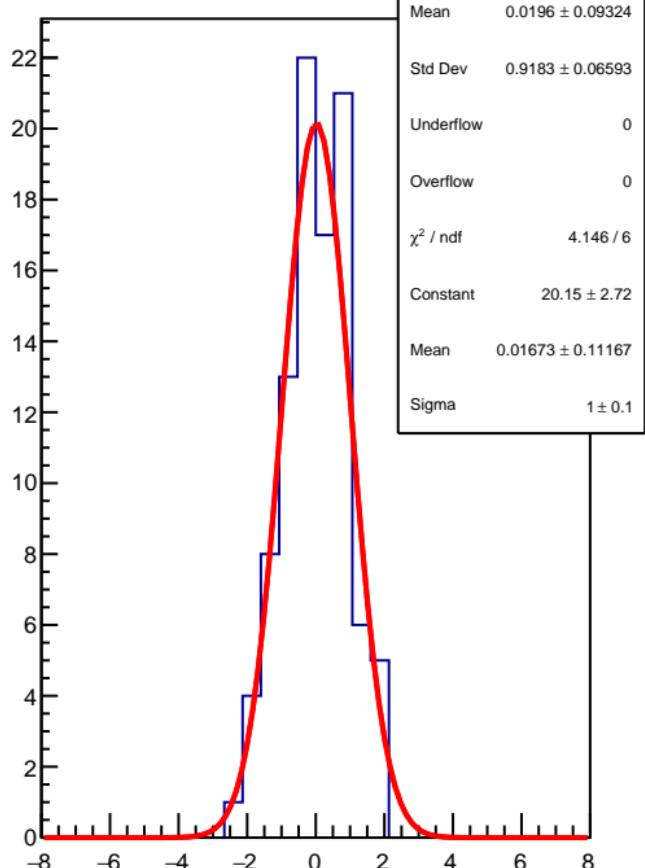


diff_bpm16X (nm)

χ^2 / ndf 81.84 / 96
 p_0 -1.364 ± 5.423

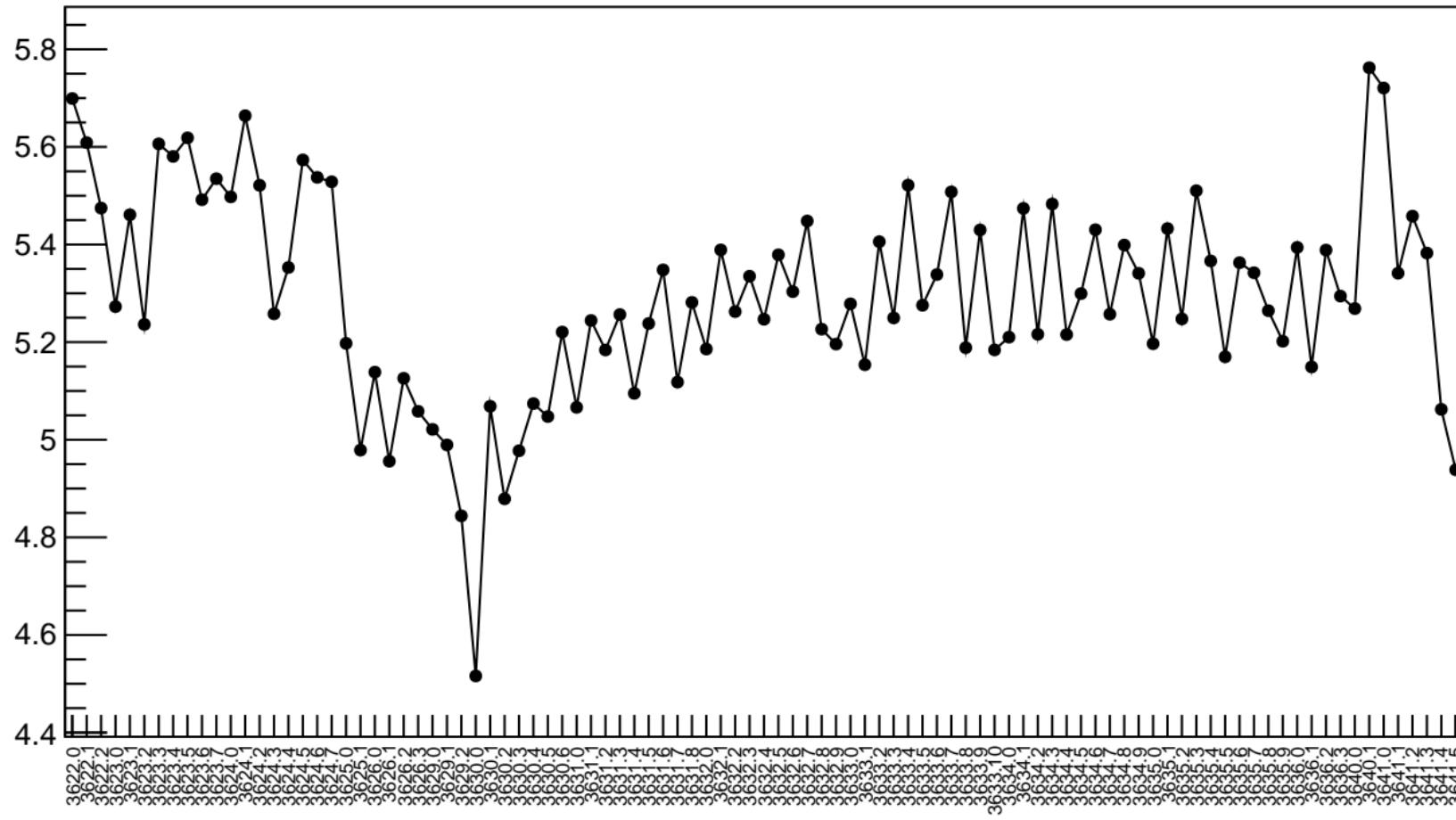


1D pull distribution



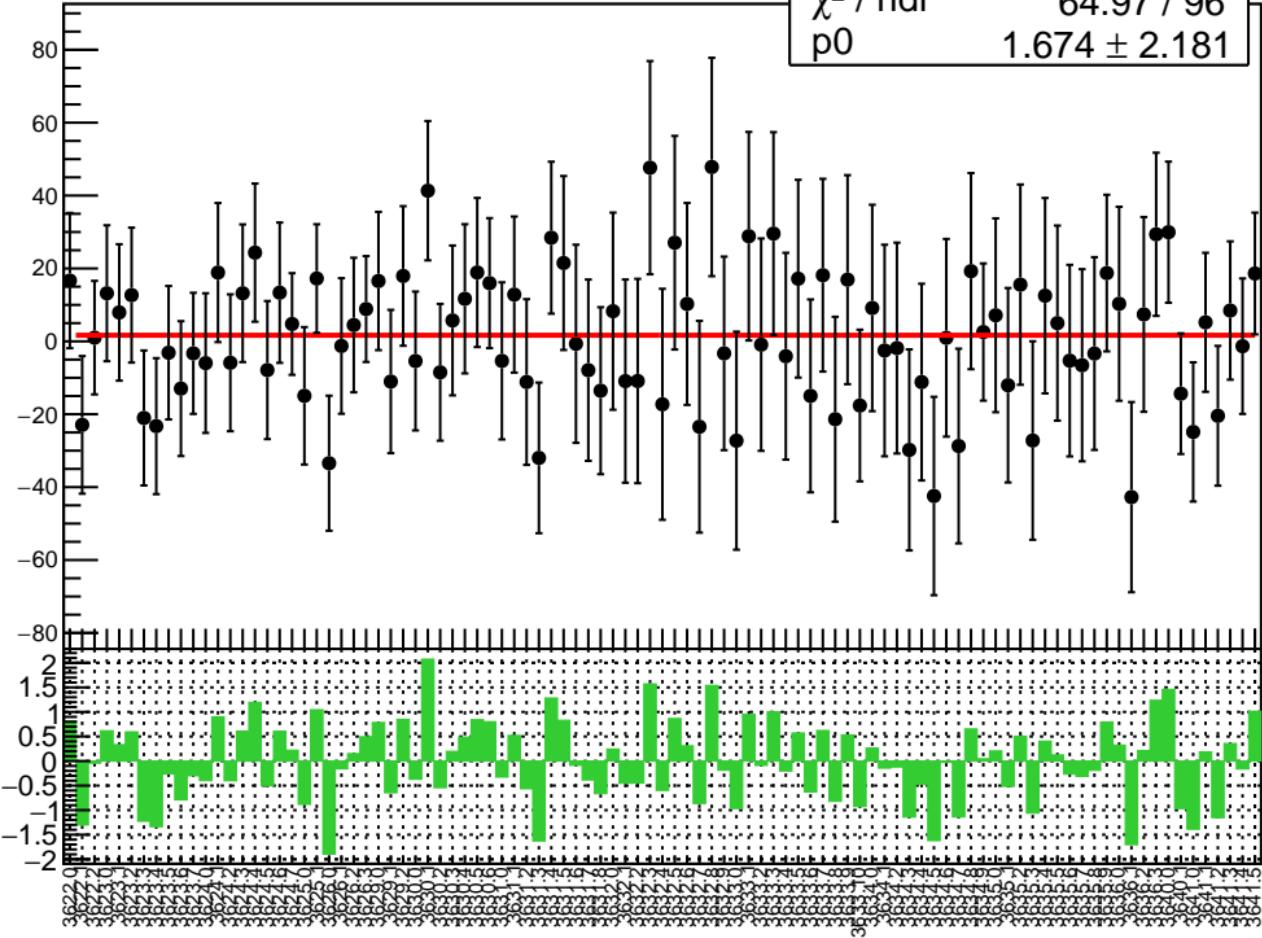
diff_bpm16X RMS (um)

RMS (um)

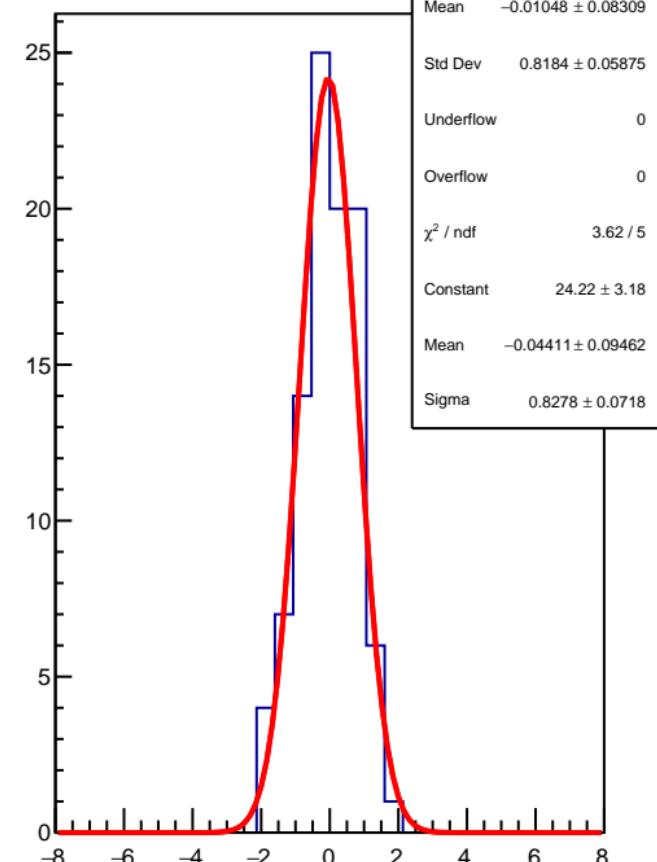


diff_bpm16Y (nm)

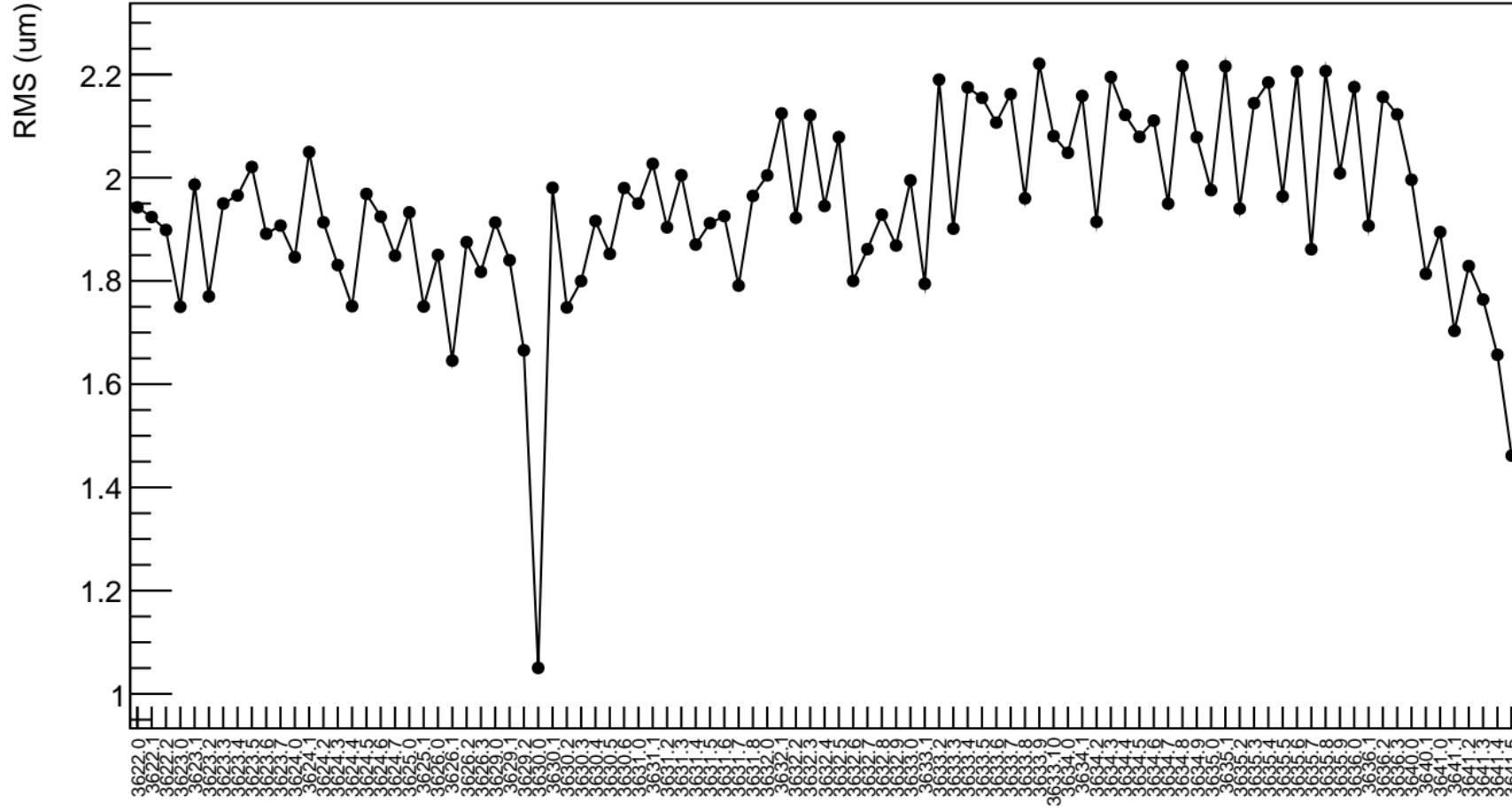
χ^2 / ndf 64.97 / 96
 p_0 1.674 ± 2.181



1D pull distribution

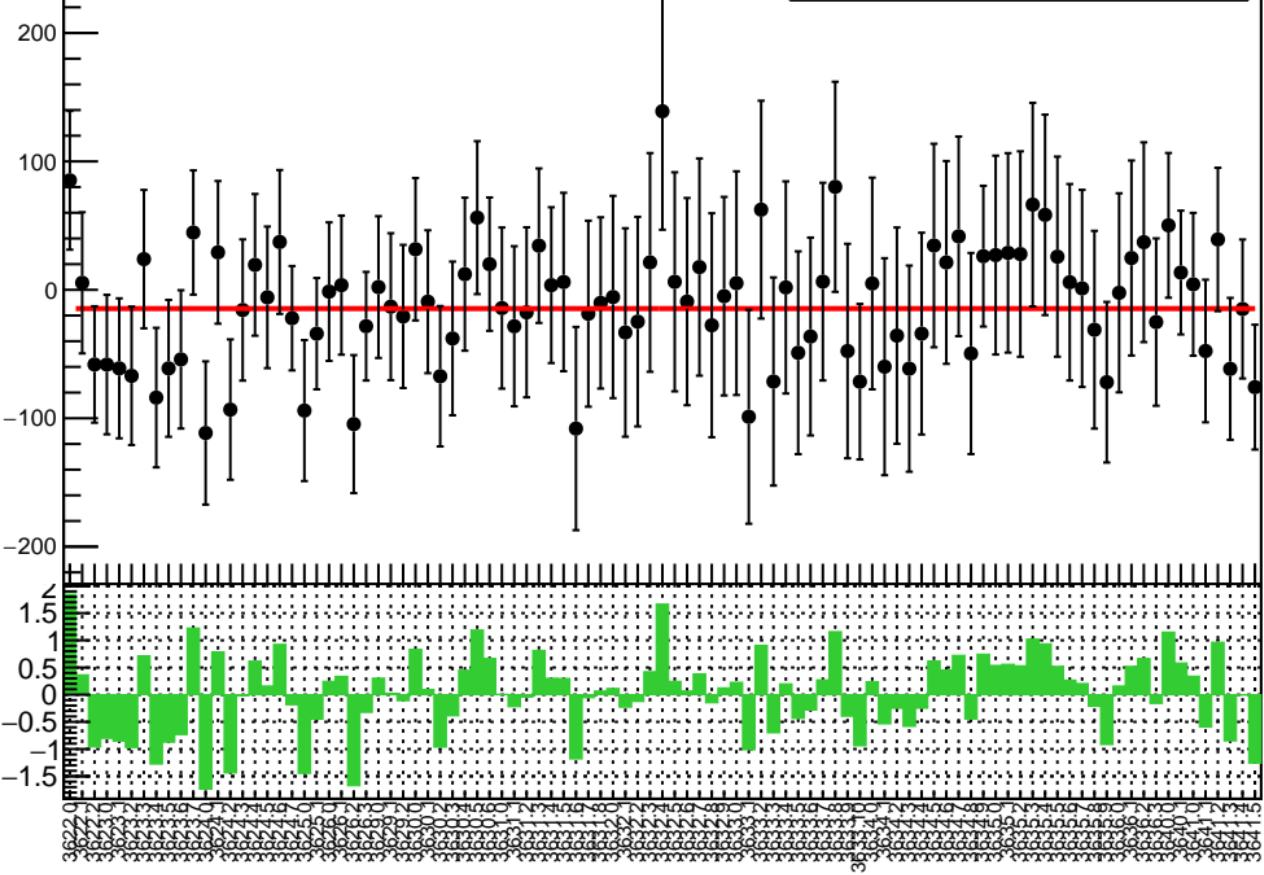


diff_bpm16Y RMS (um)

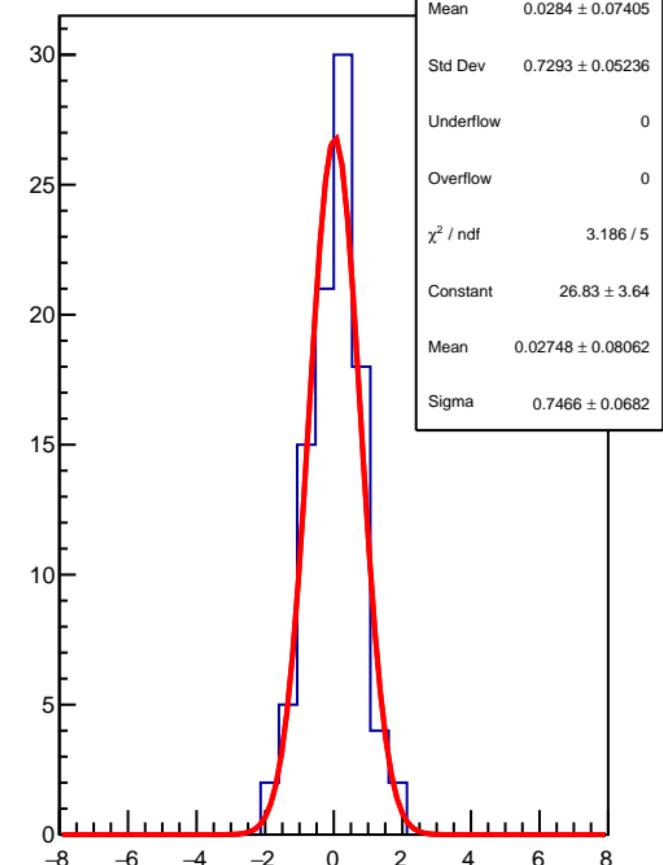


diff_bpm12X (nm)

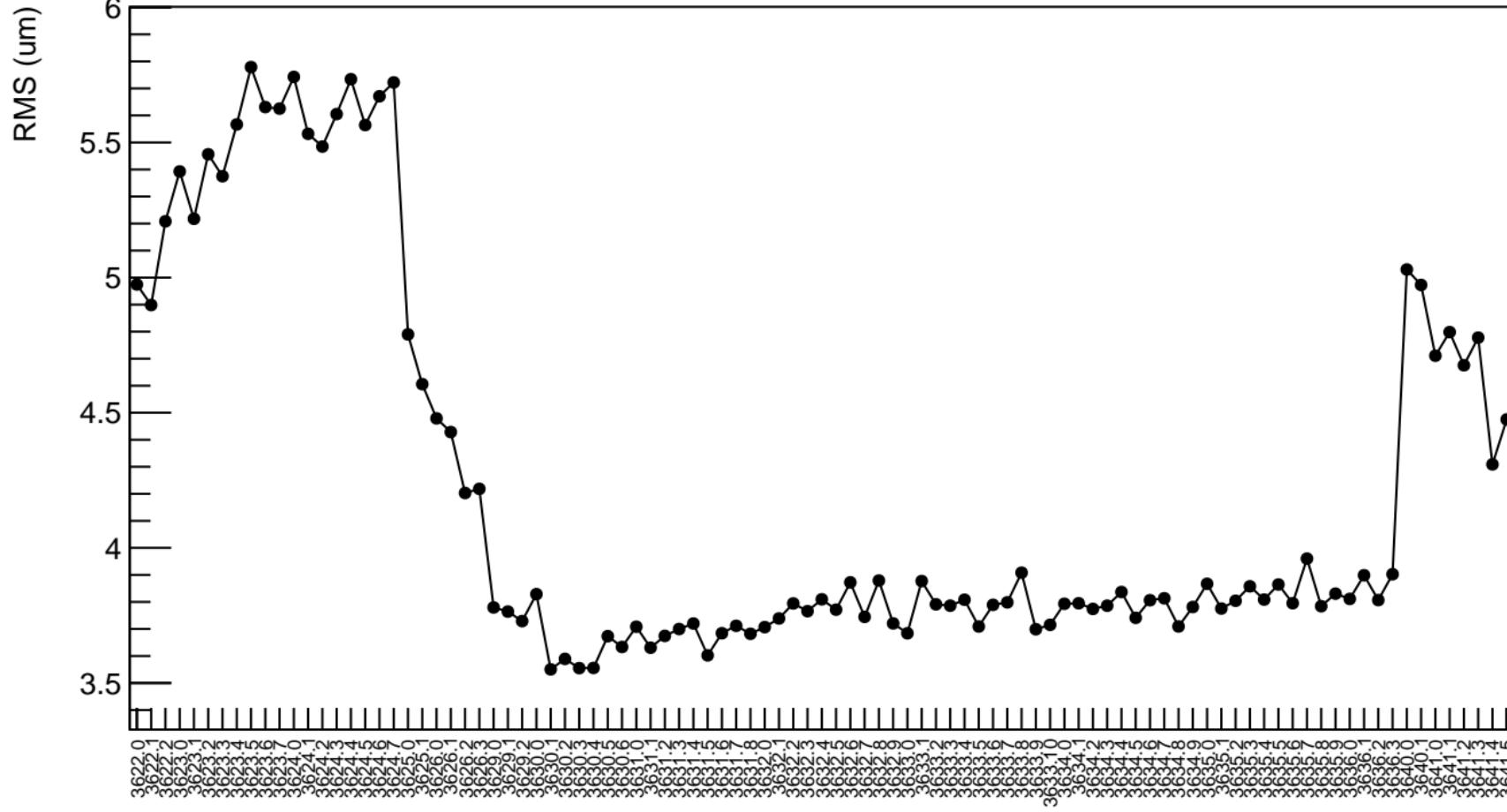
χ^2 / ndf 51.68 / 96
p0 -14.6 ± 6.35



1D pull distribution

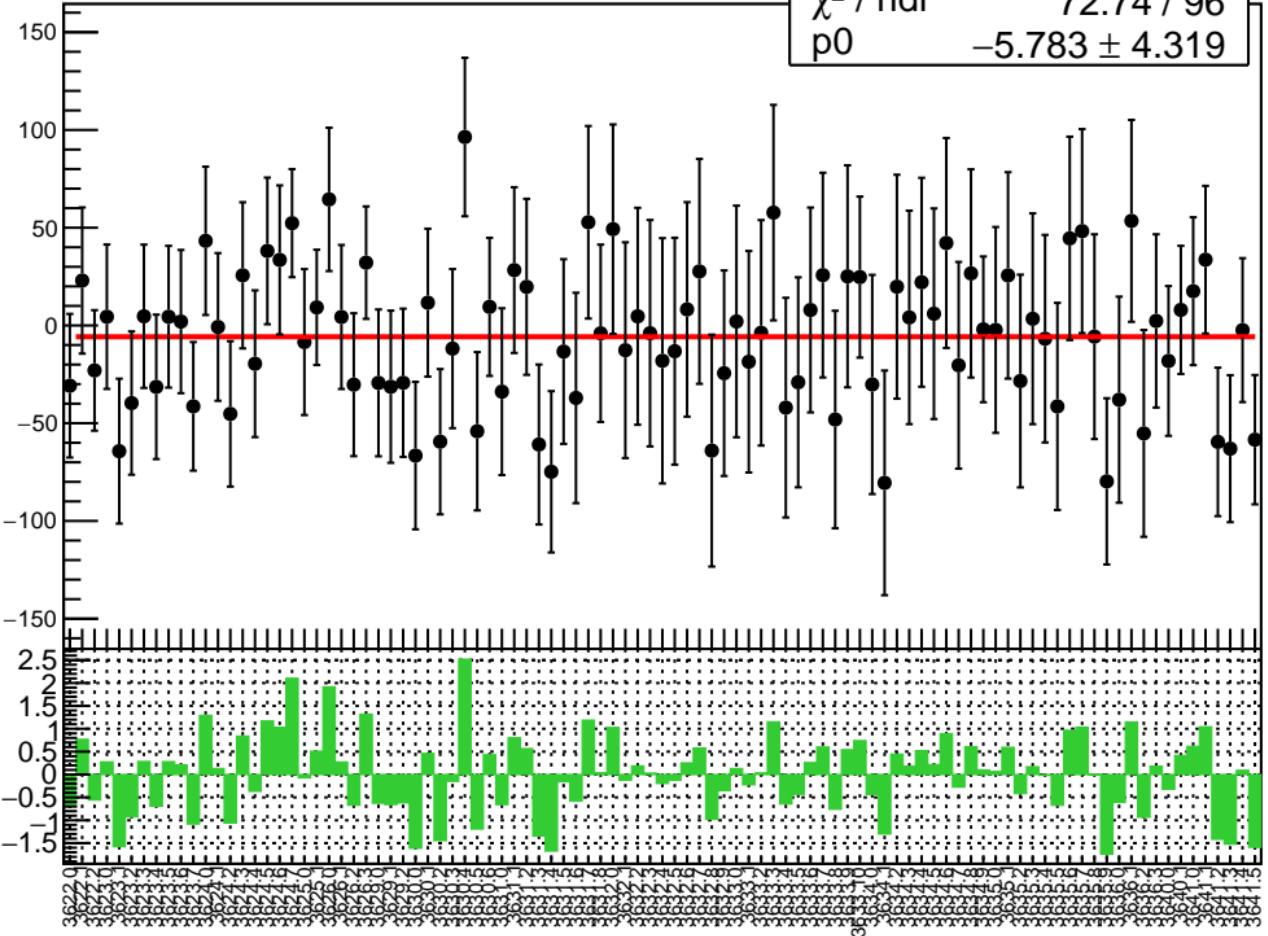


diff_bpm12X RMS (um)

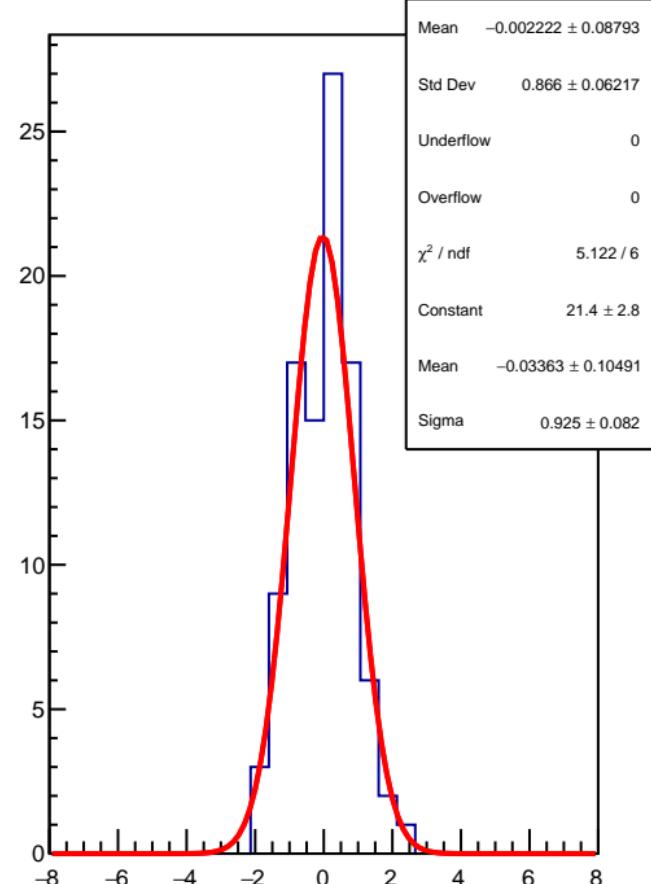


diff_bpm12Y (nm)

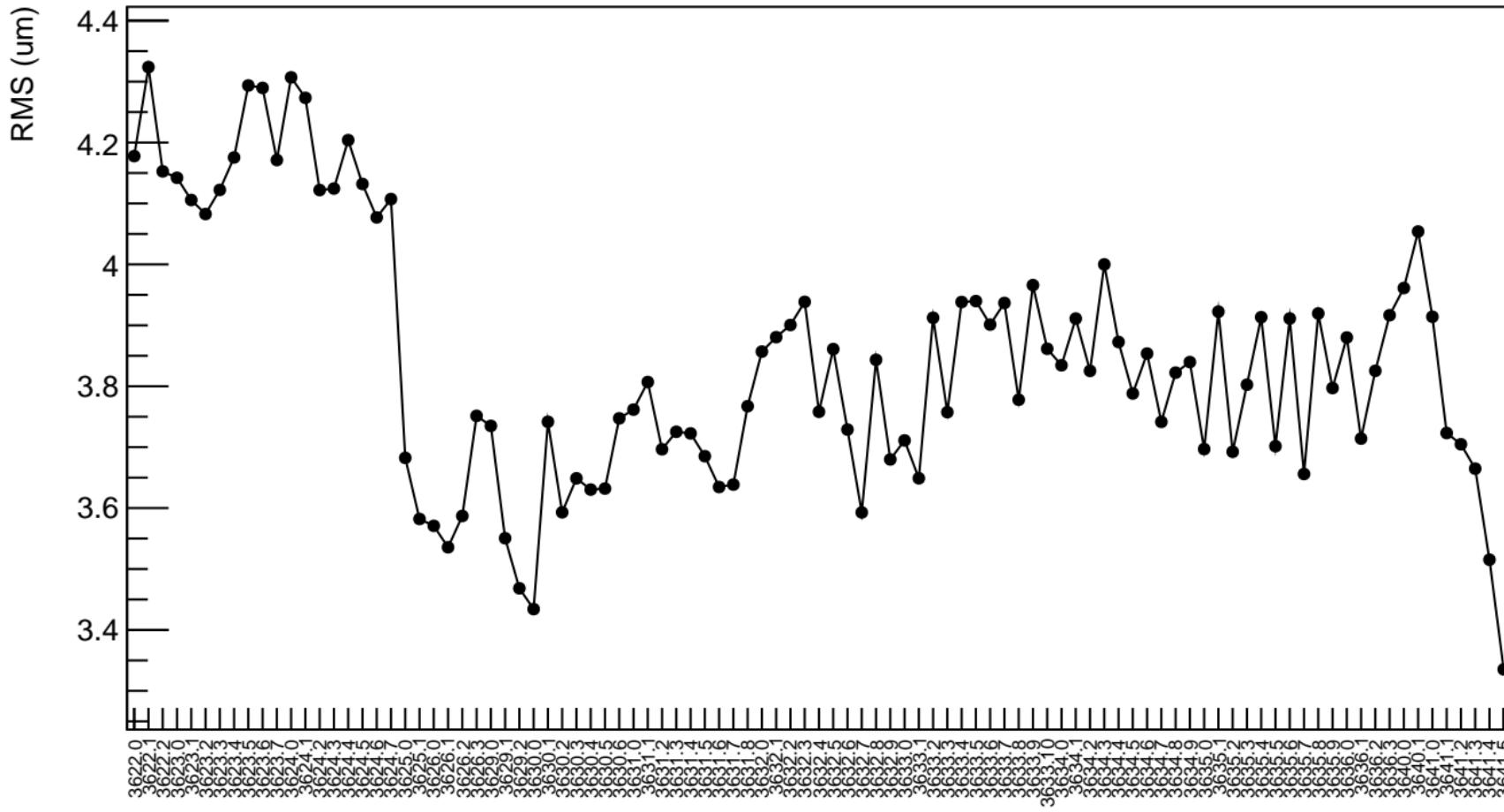
χ^2 / ndf 72.74 / 96
 p_0 -5.783 ± 4.319



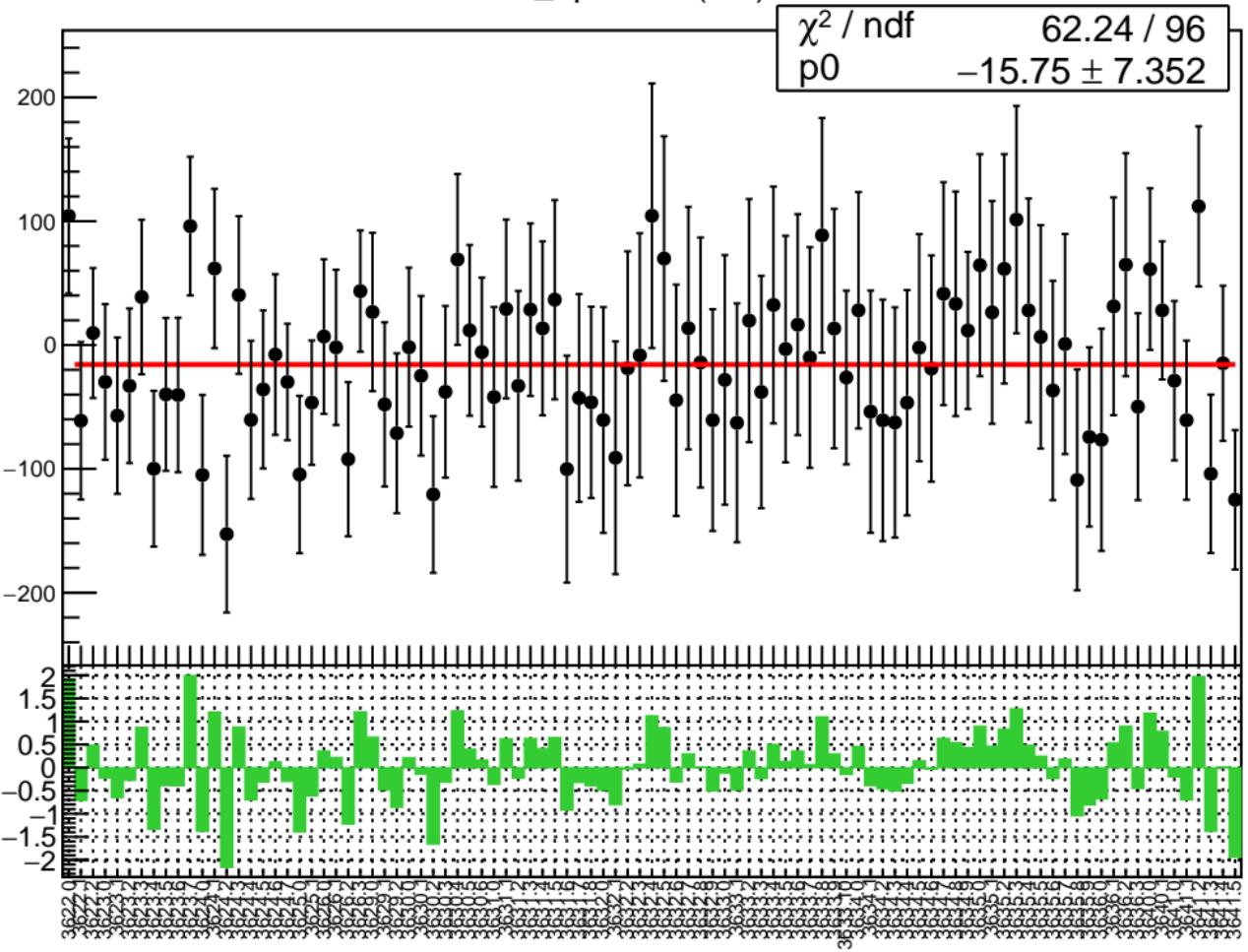
1D pull distribution



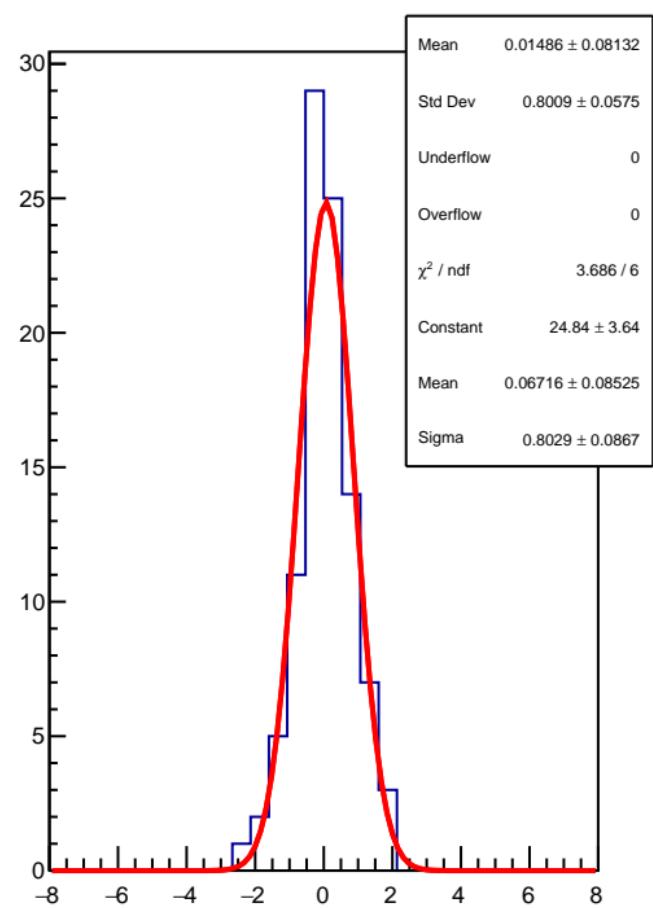
diff_bpm12Y RMS (um)



diff_bpm11X (nm)

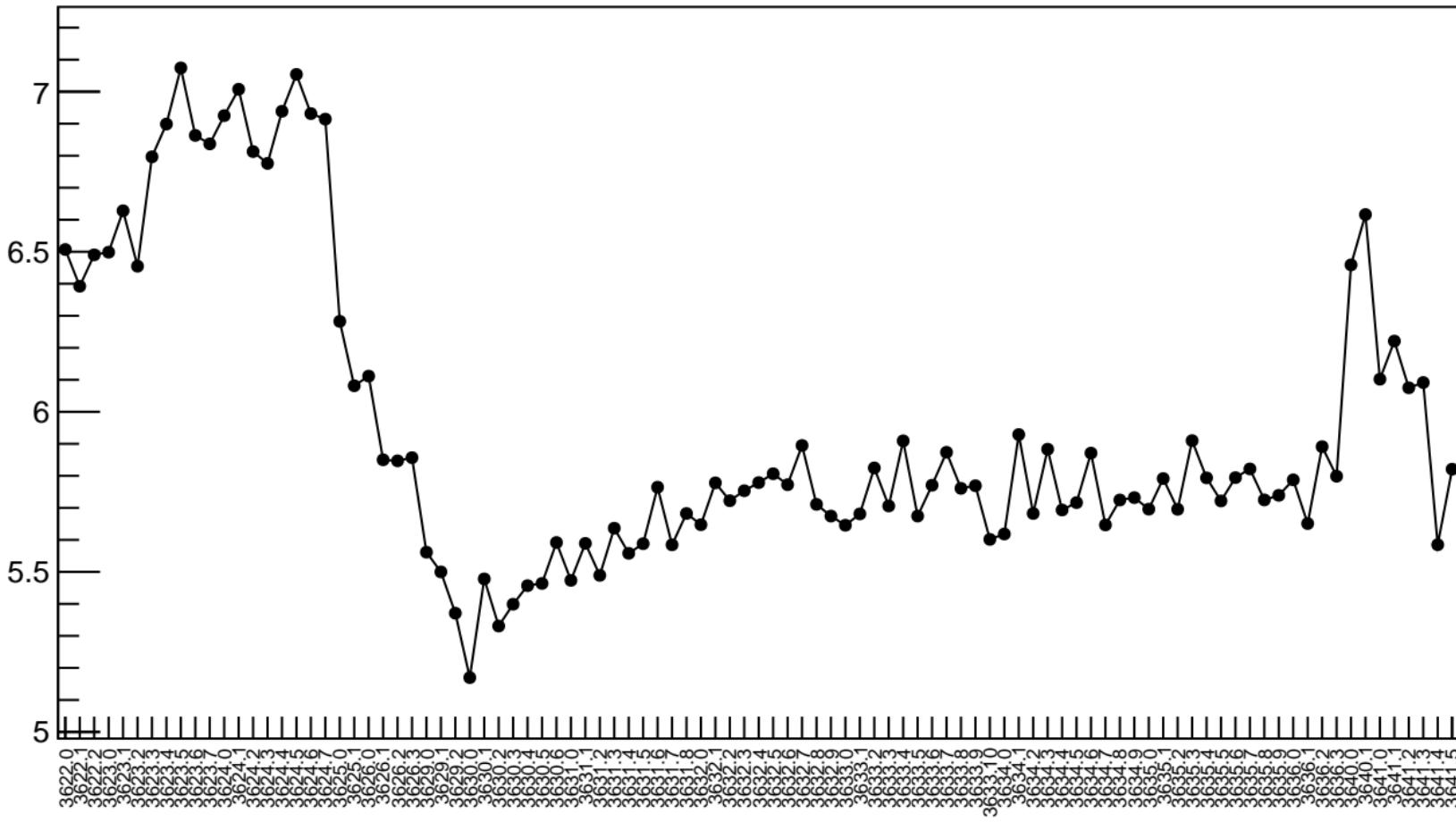


1D pull distribution

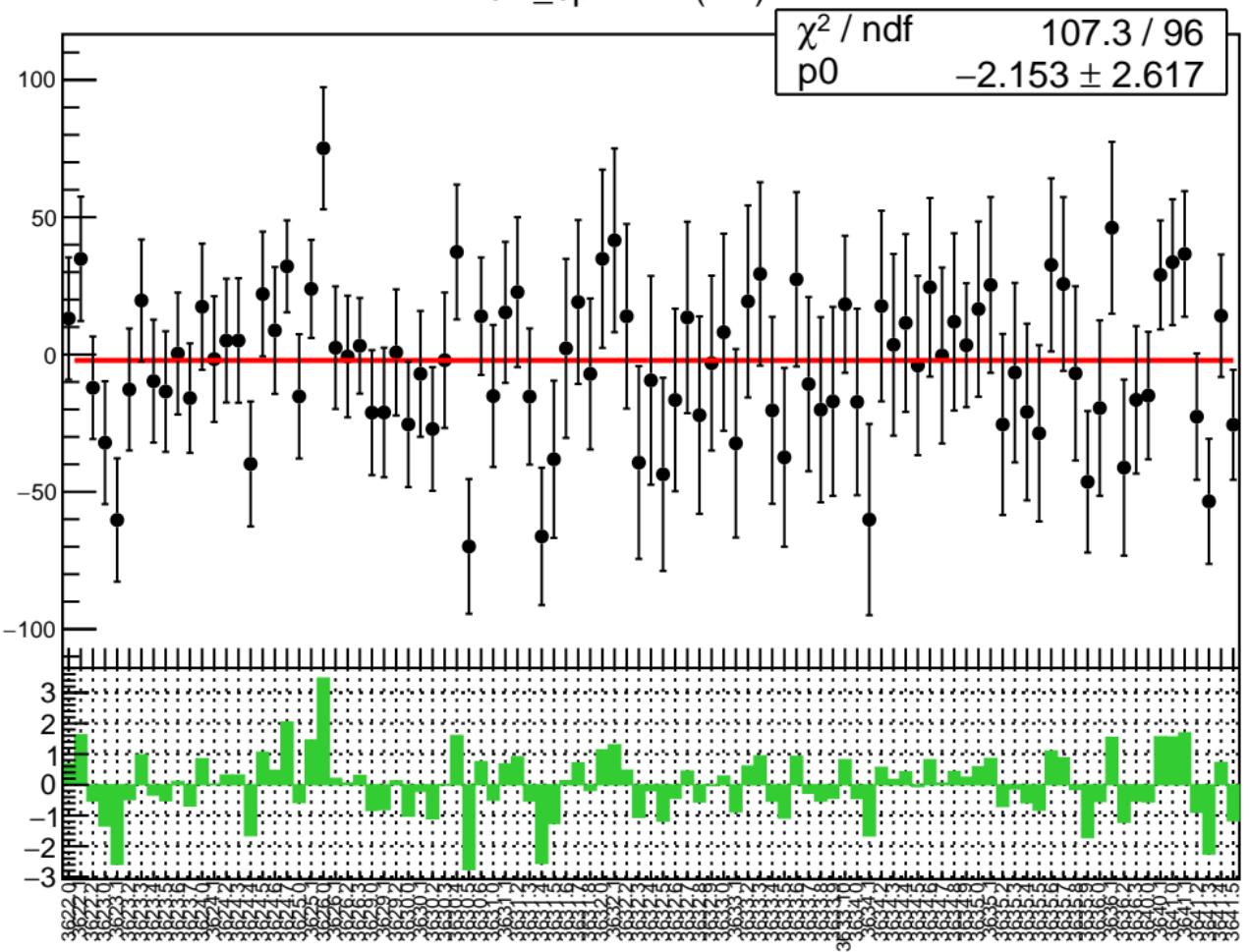


diff_bpm11X RMS (um)

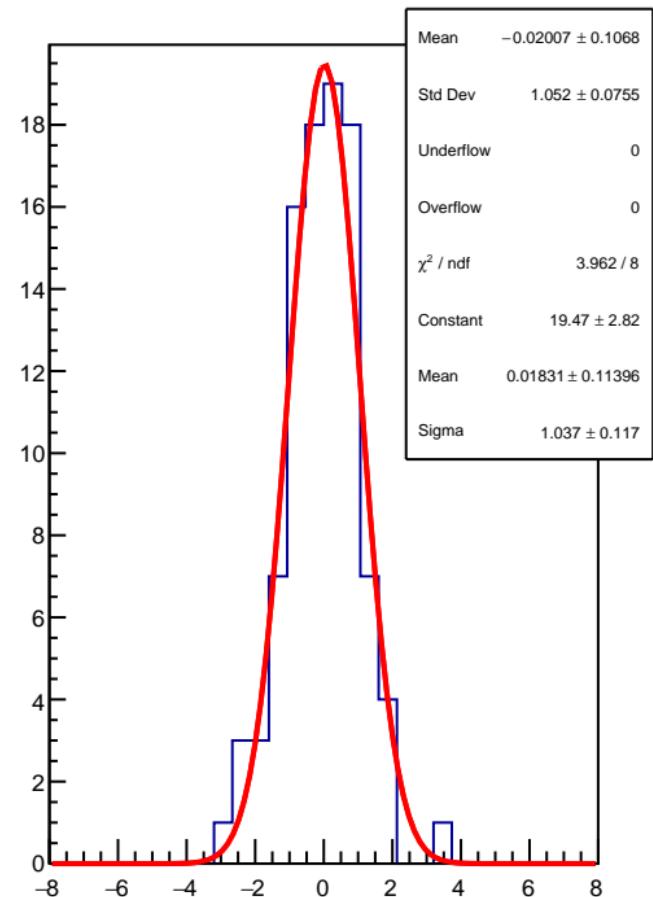
RMS (um)



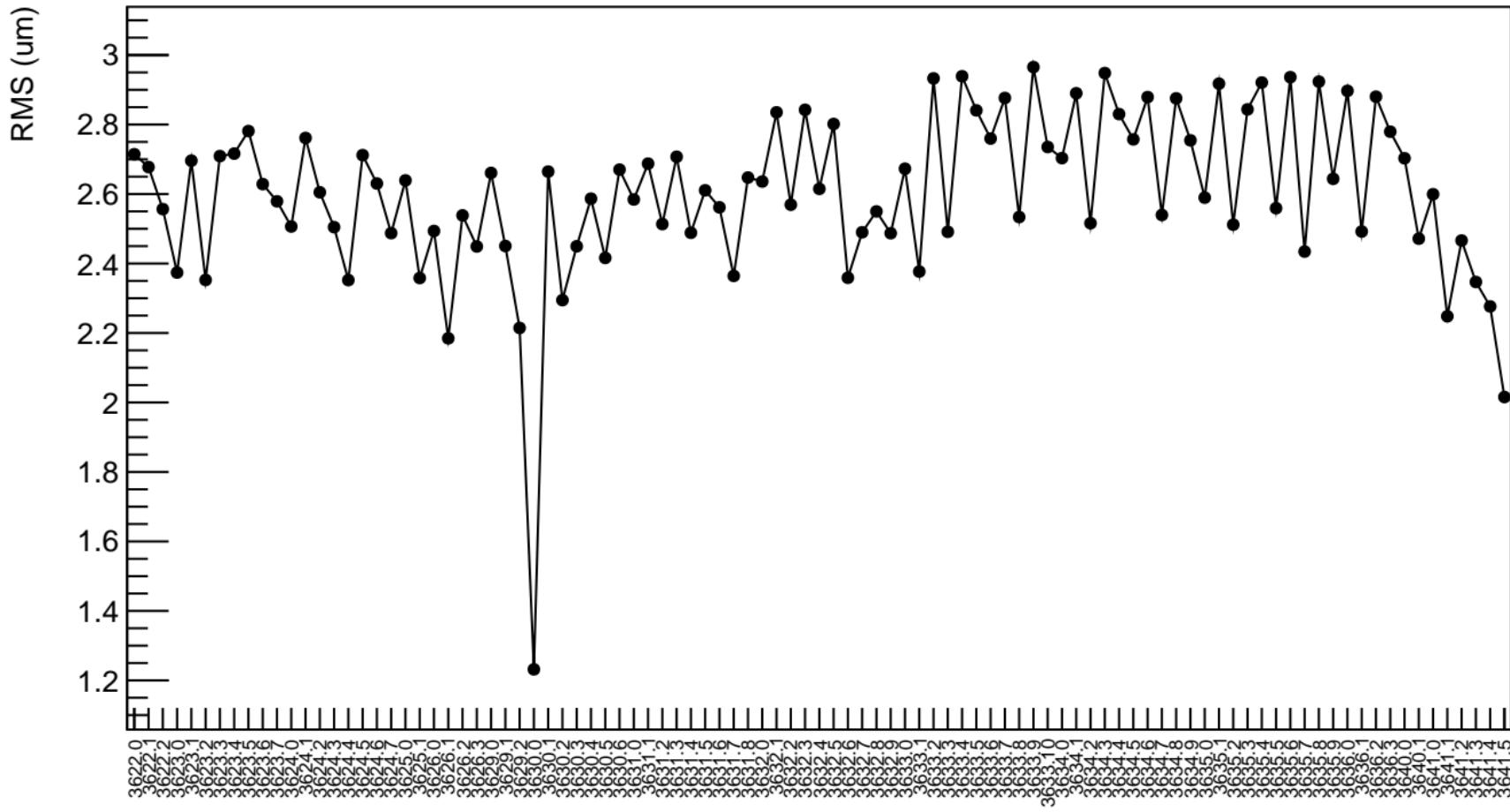
diff_bpm11Y (nm)



1D pull distribution

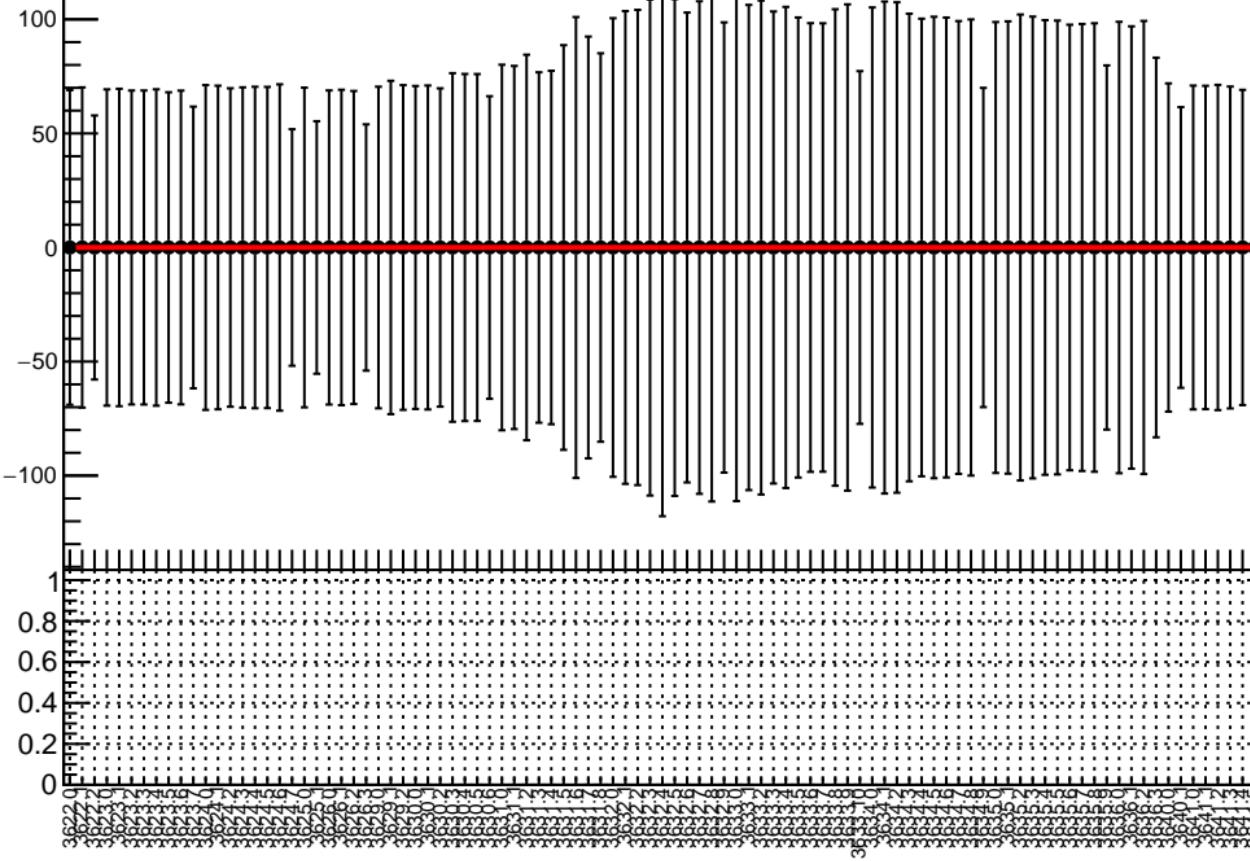


diff_bpm11Y RMS (um)

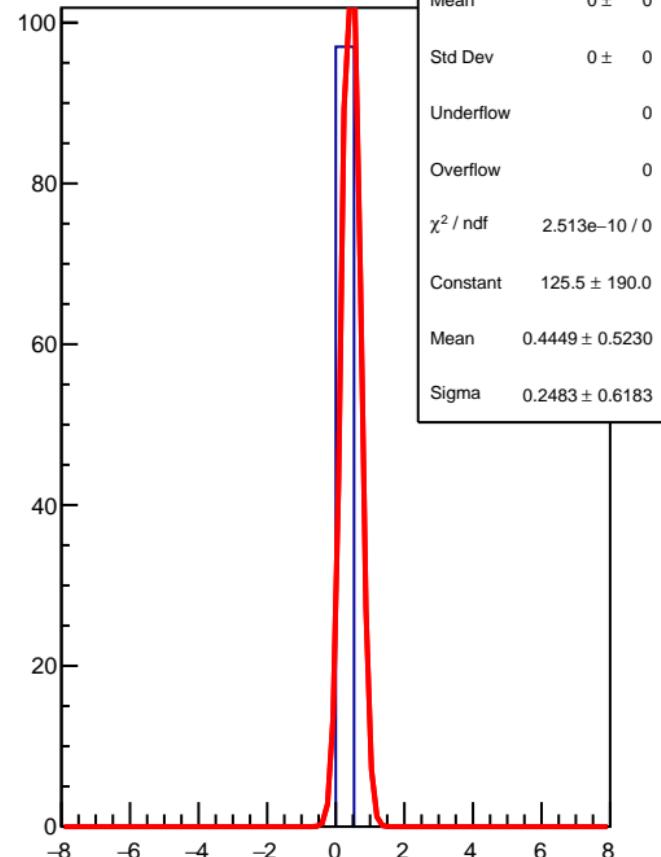


diff_bpm8X (nm)

χ^2 / ndf 0 / 96
p0 0 ± 8.107



1D pull distribution



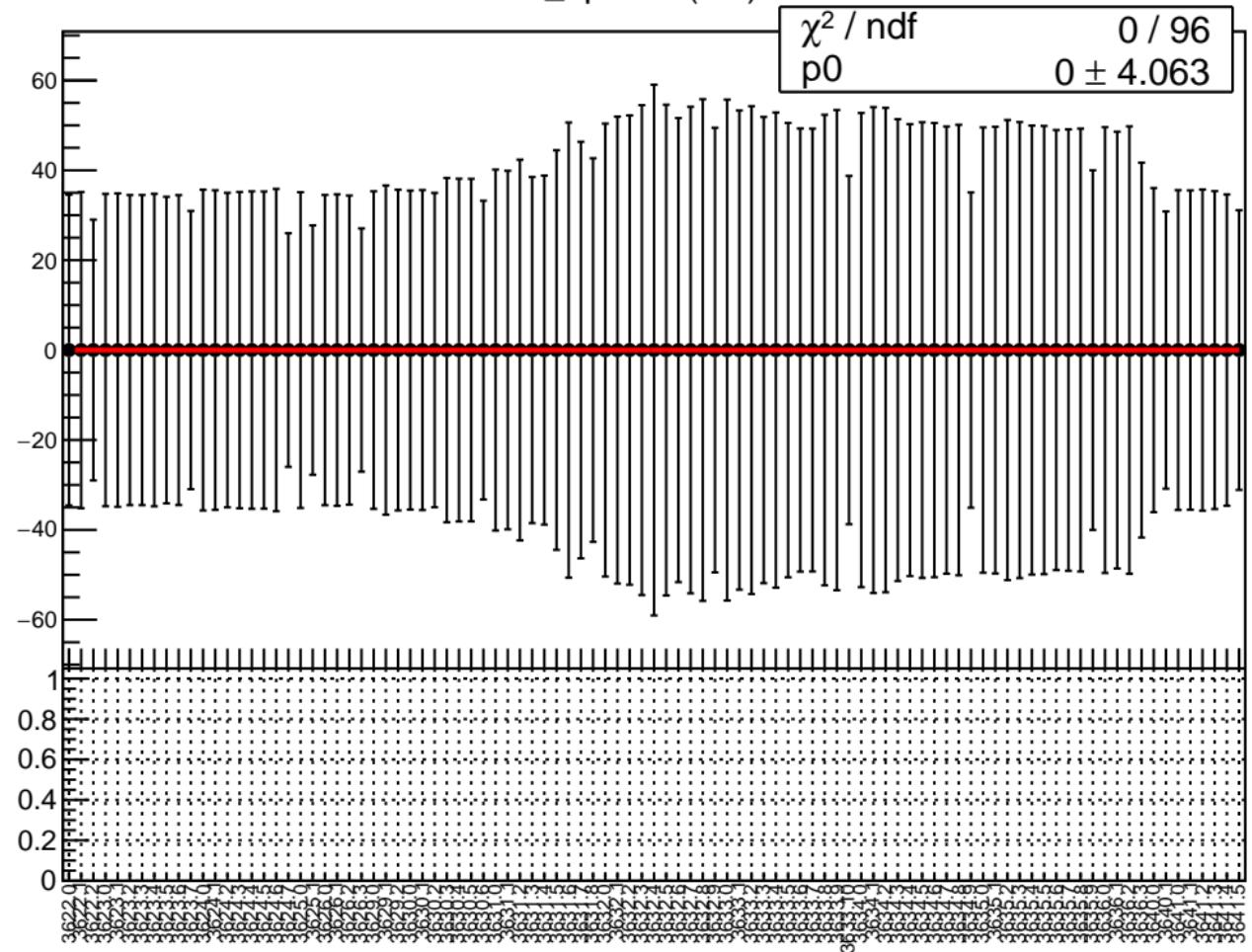
diff_bpm8X RMS (um)

RMS (um)

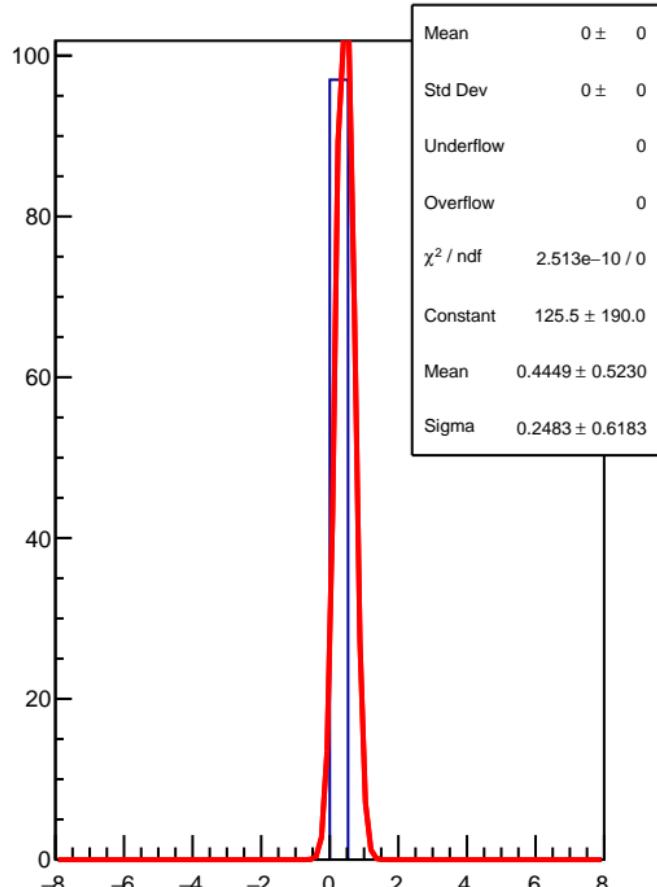
1
0.8
0.6
0.4
0.2
0

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

diff_bpm8Y (nm)



1D pull distribution



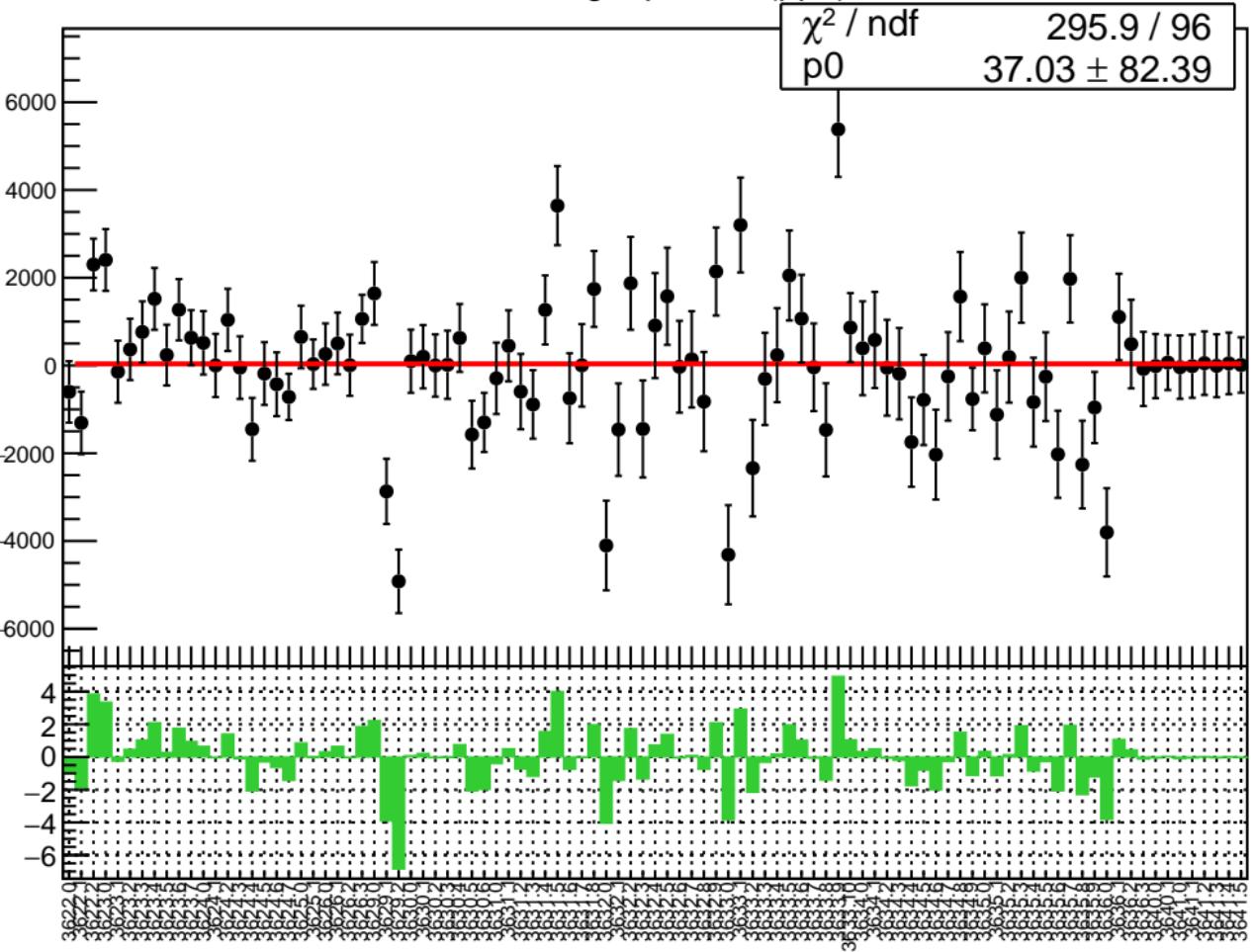
diff_bpm8Y RMS (um)

RMS (um)

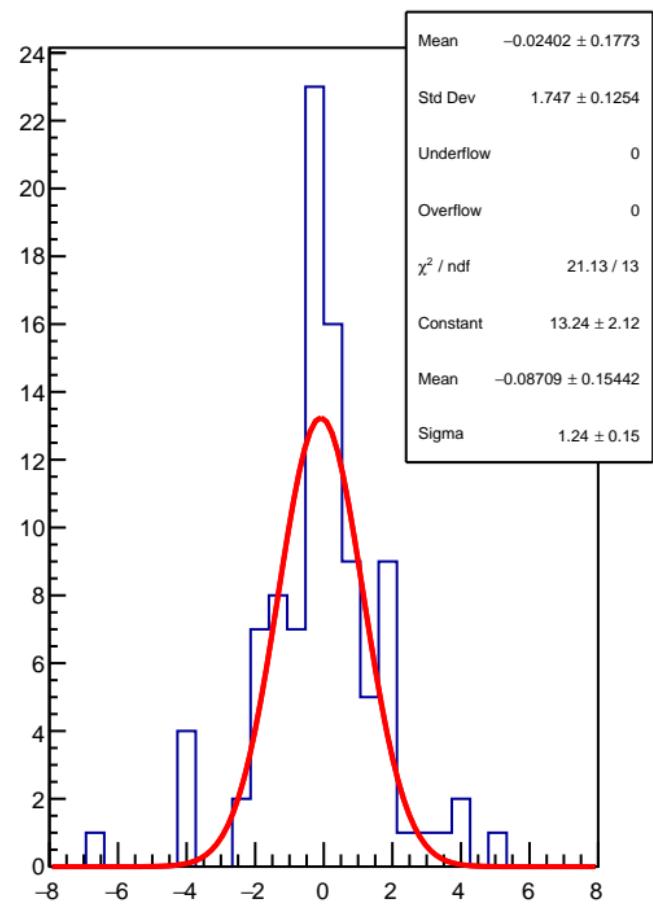
1
0.8
0.6
0.4
0.2
0

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

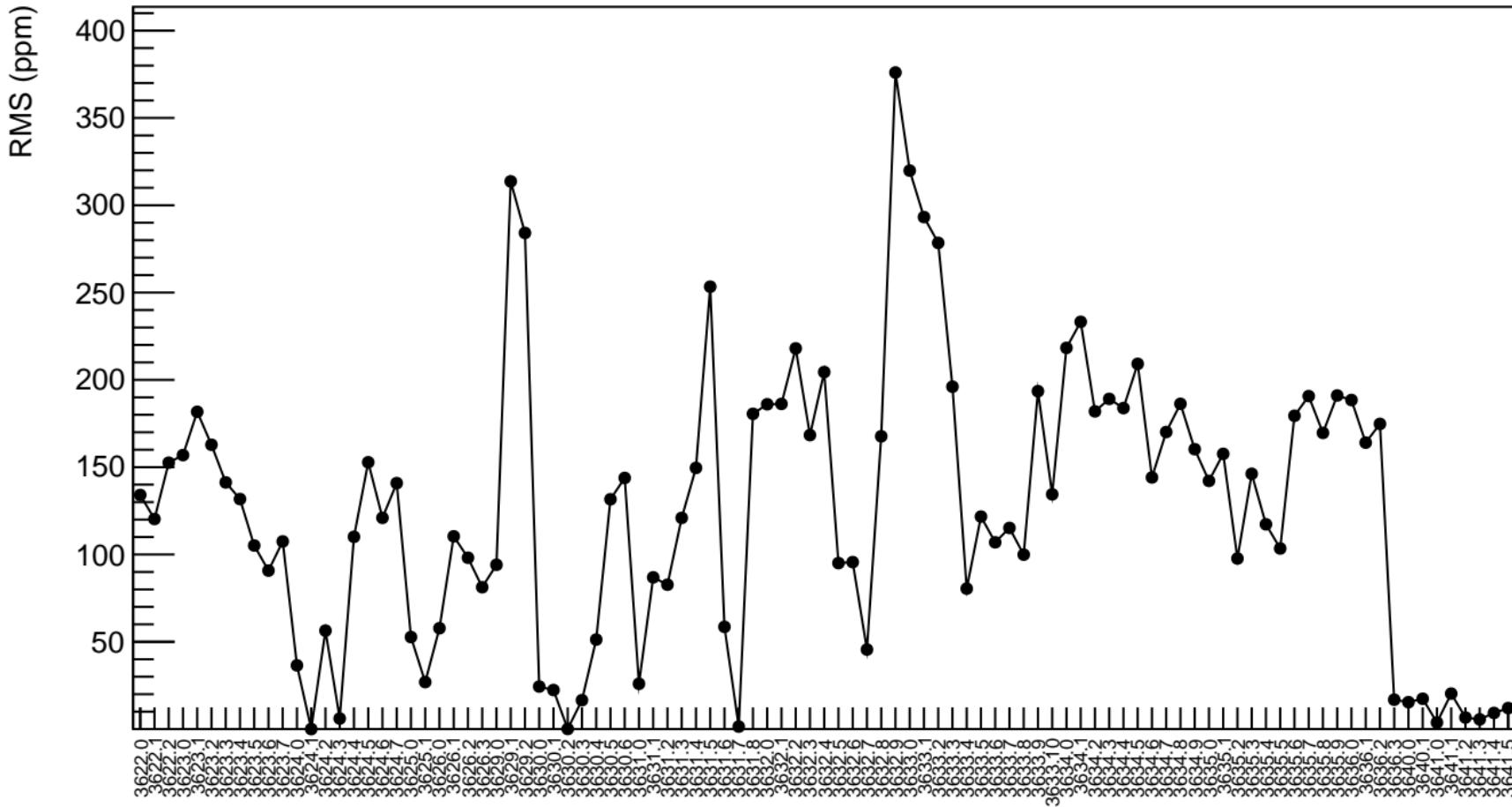
corr_us_avg_bpm4eX (ppb)



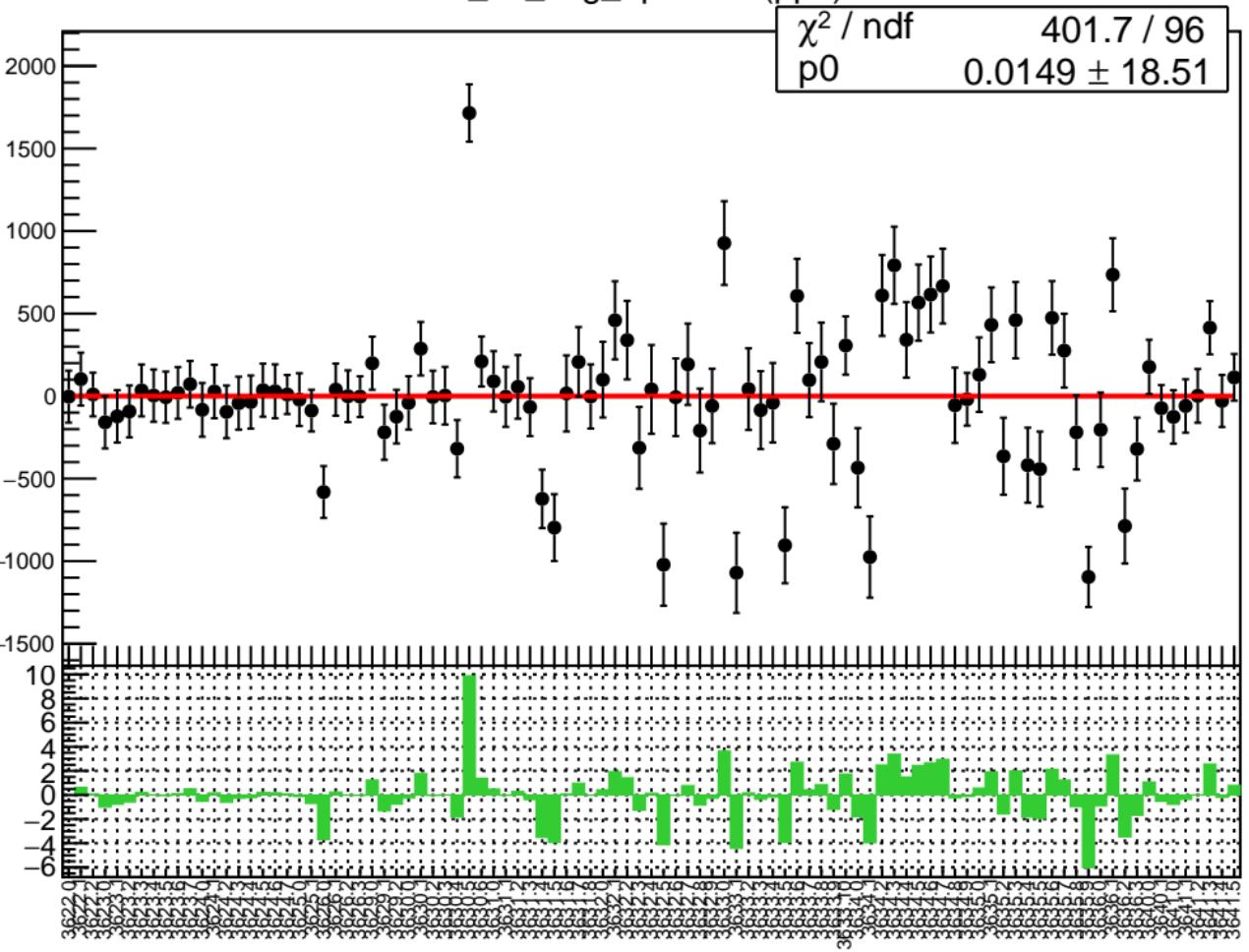
1D pull distribution



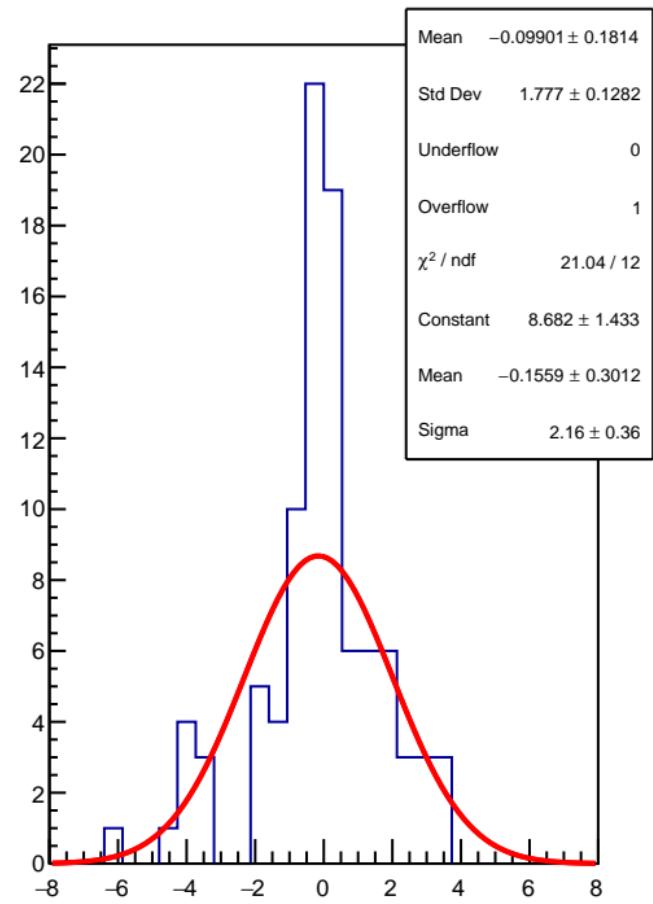
corr_us_avg_bpm4eX RMS (ppm)



corr_us_avg_bpm4eY (ppb)

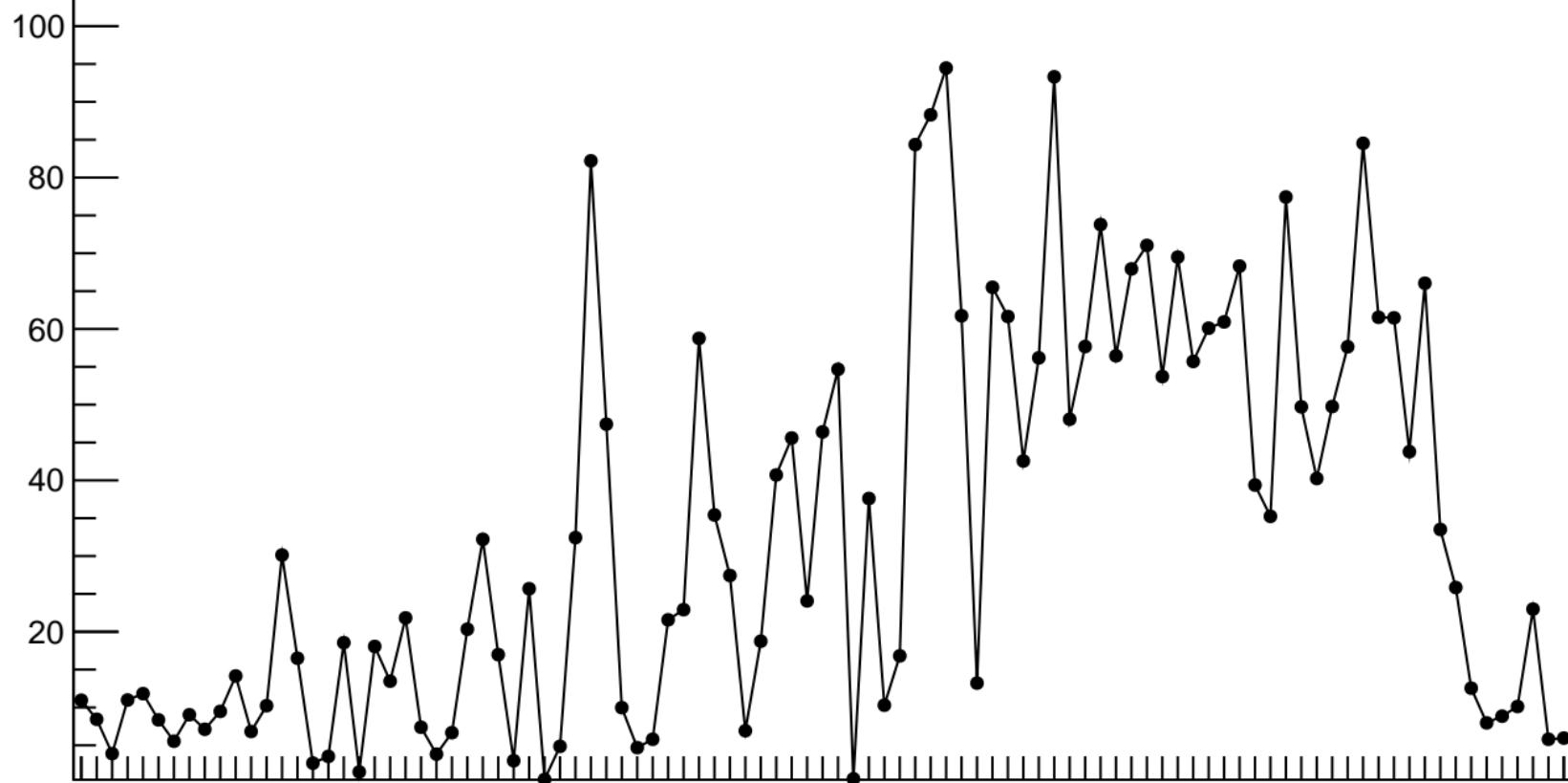


1D pull distribution



corr_us_avg_bpm4eY RMS (ppm)

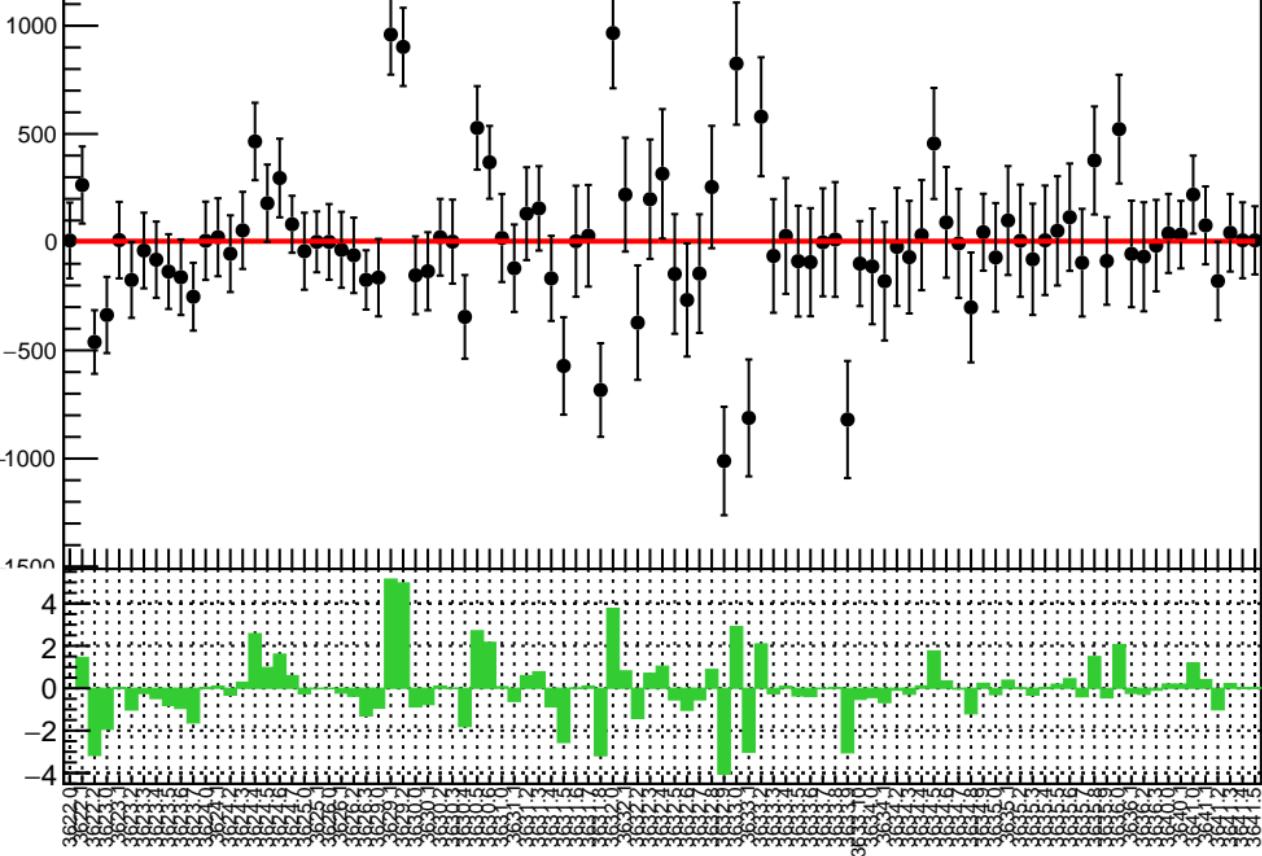
RMS (ppm)



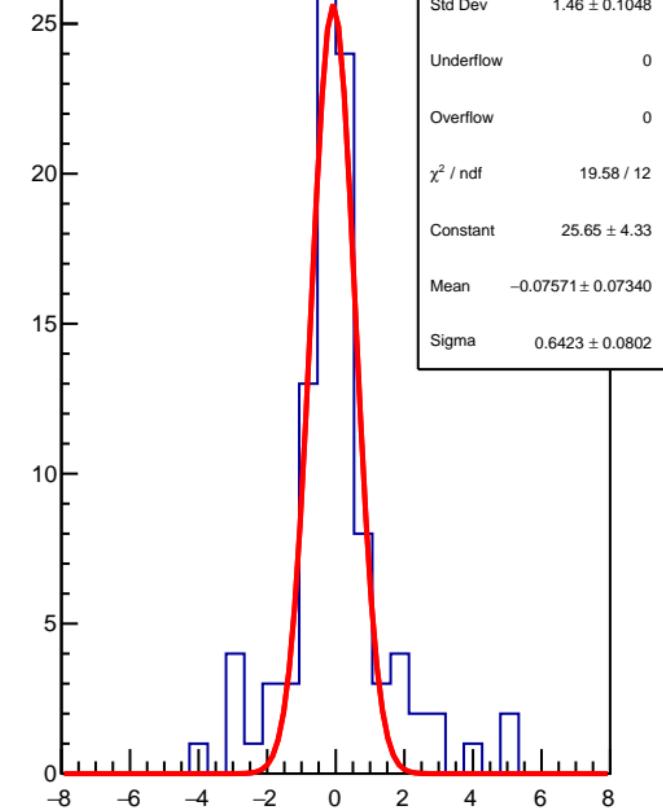
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

corr_us_avg_bpm4aX (ppb)

χ^2 / ndf 206.9 / 96
p0 4.368 ± 20.58

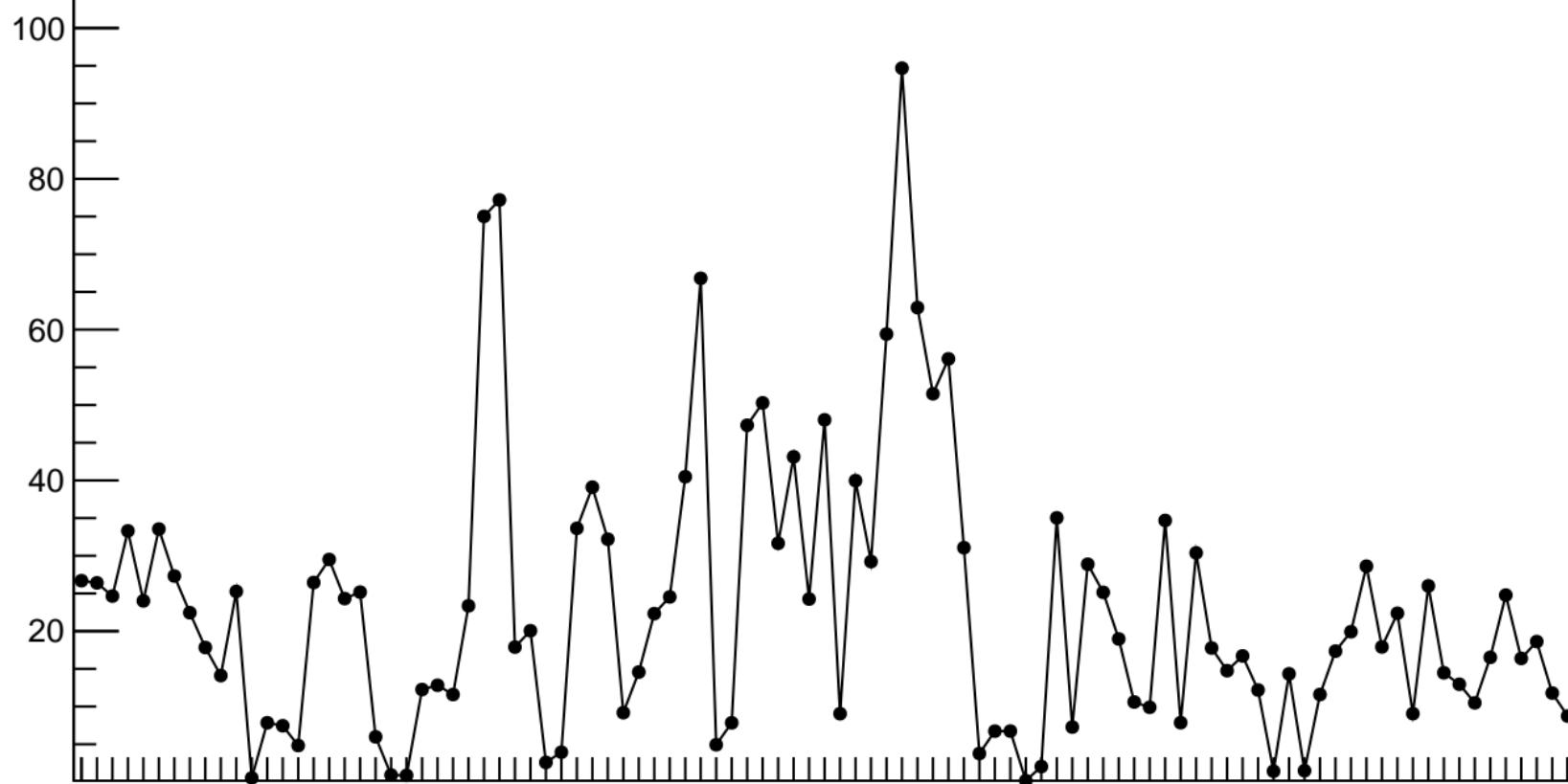


1D pull distribution



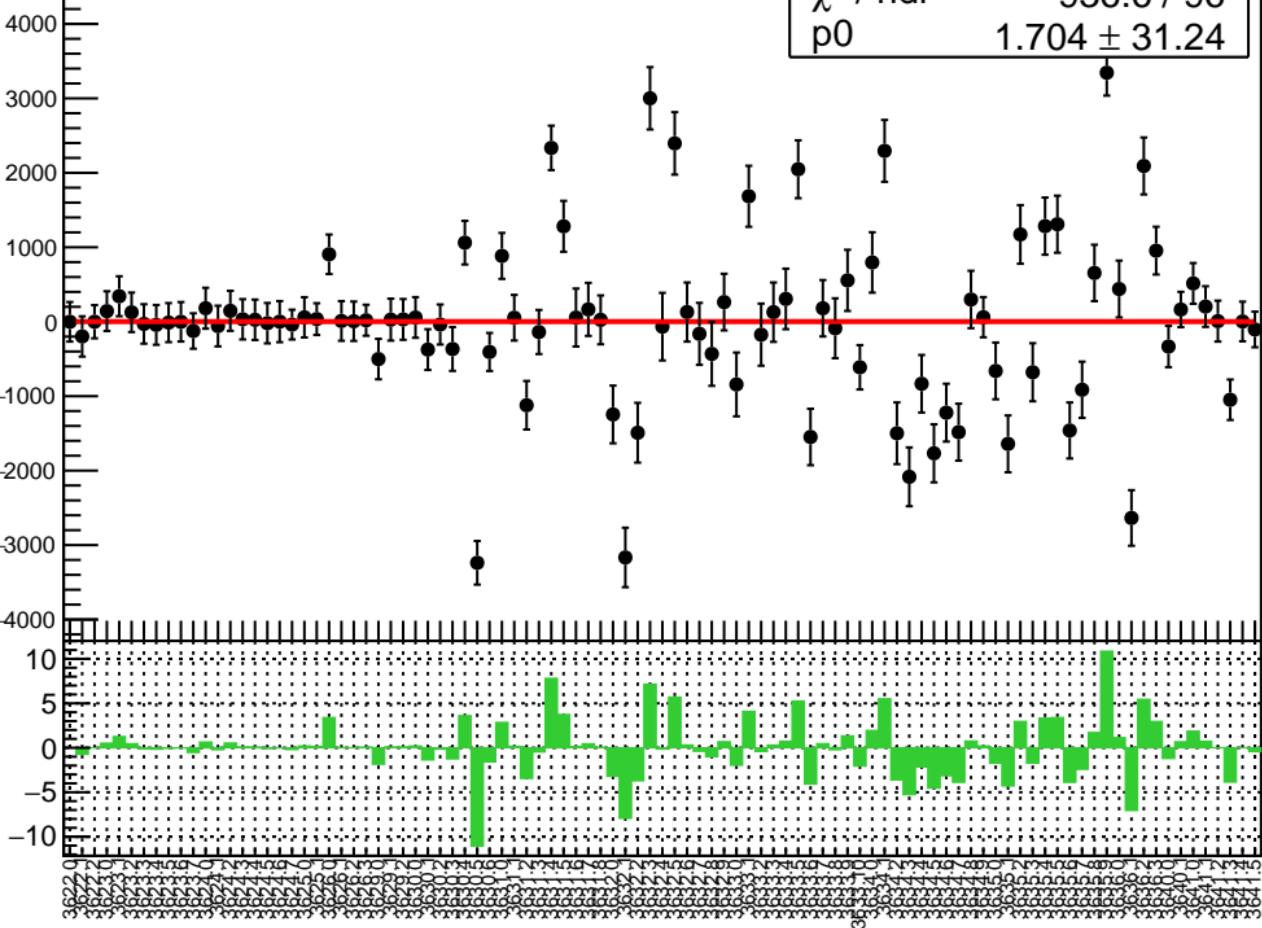
corr_us_avg_bpm4aX RMS (ppm)

RMS (ppm)



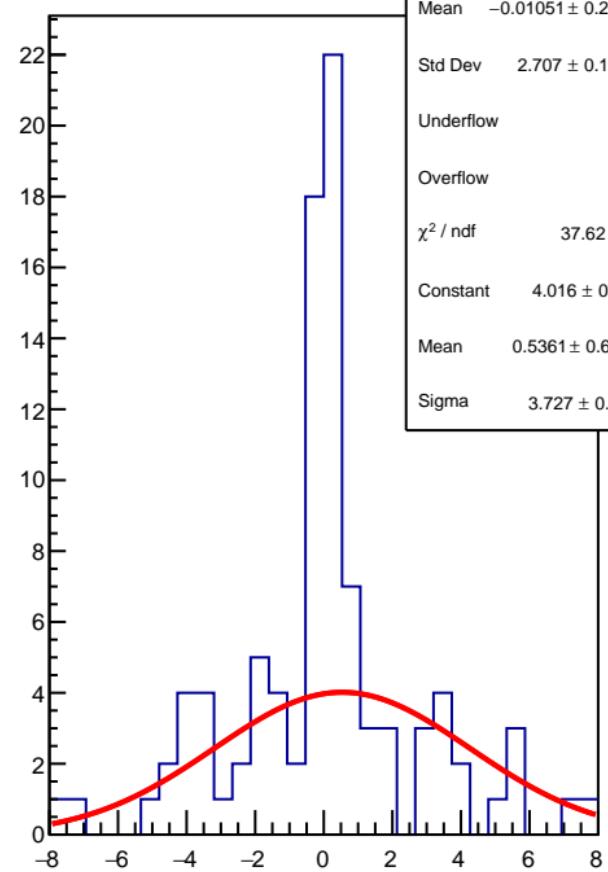
corr_us_avg_bpm4aY (ppb)

χ^2 / ndf 936.6 / 96
p0 1.704 ± 31.24



1D pull distribution

Mean -0.01051 ± 0.2777
Std Dev 2.707 ± 0.1964
Underflow 1
Overflow 1
 χ^2 / ndf 37.62 / 20
Constant 4.016 ± 0.821
Mean 0.5361 ± 0.6035
Sigma 3.727 ± 0.849



corr_us_avg_bpm4aY RMS (ppm)

RMS (ppm)

250

200

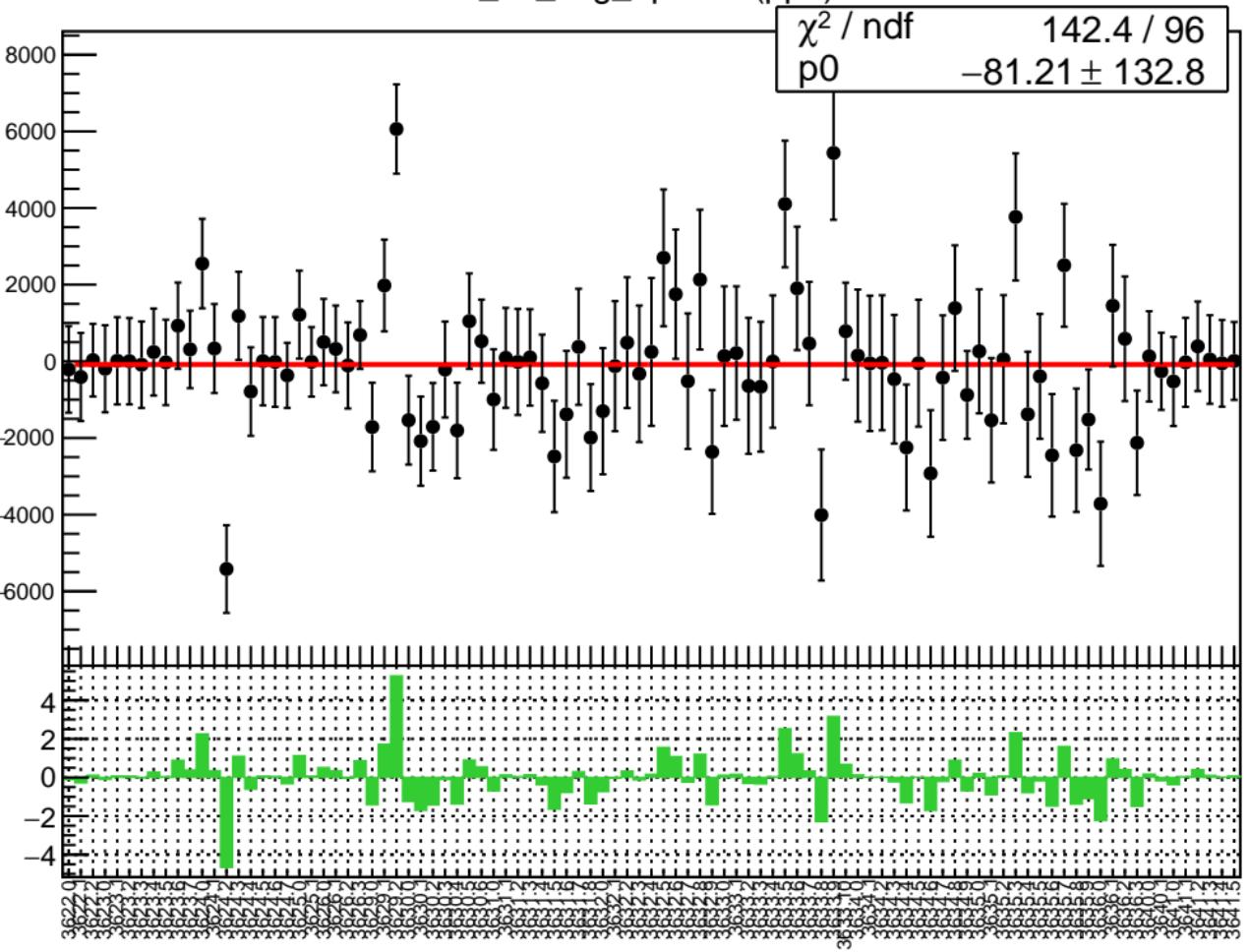
150

100

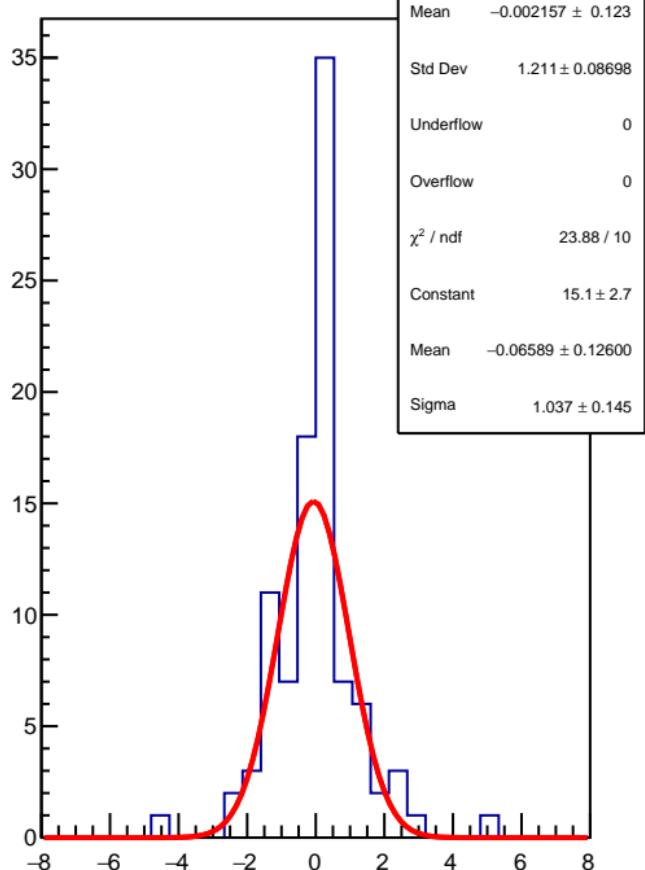
50



corr_us_avg_bpm1X (ppb)

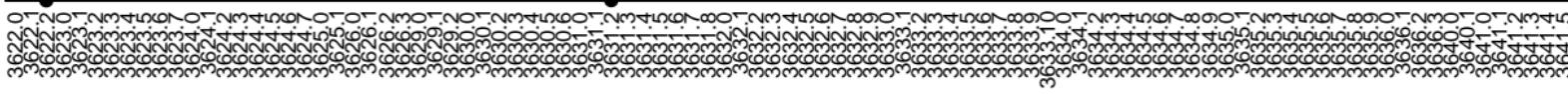
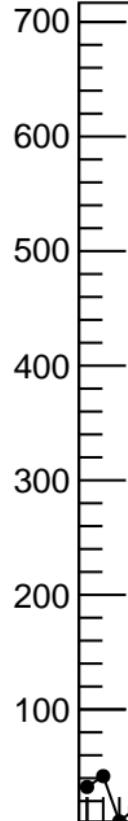


1D pull distribution



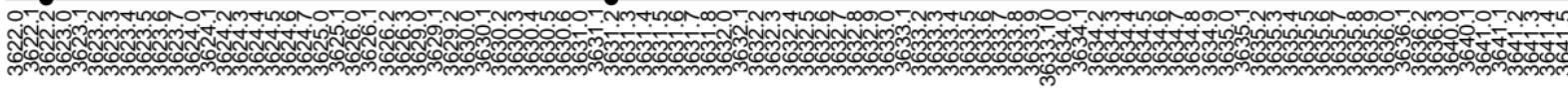
corr_us_avg_bpm1X RMS (ppm)

RMS (ppm)



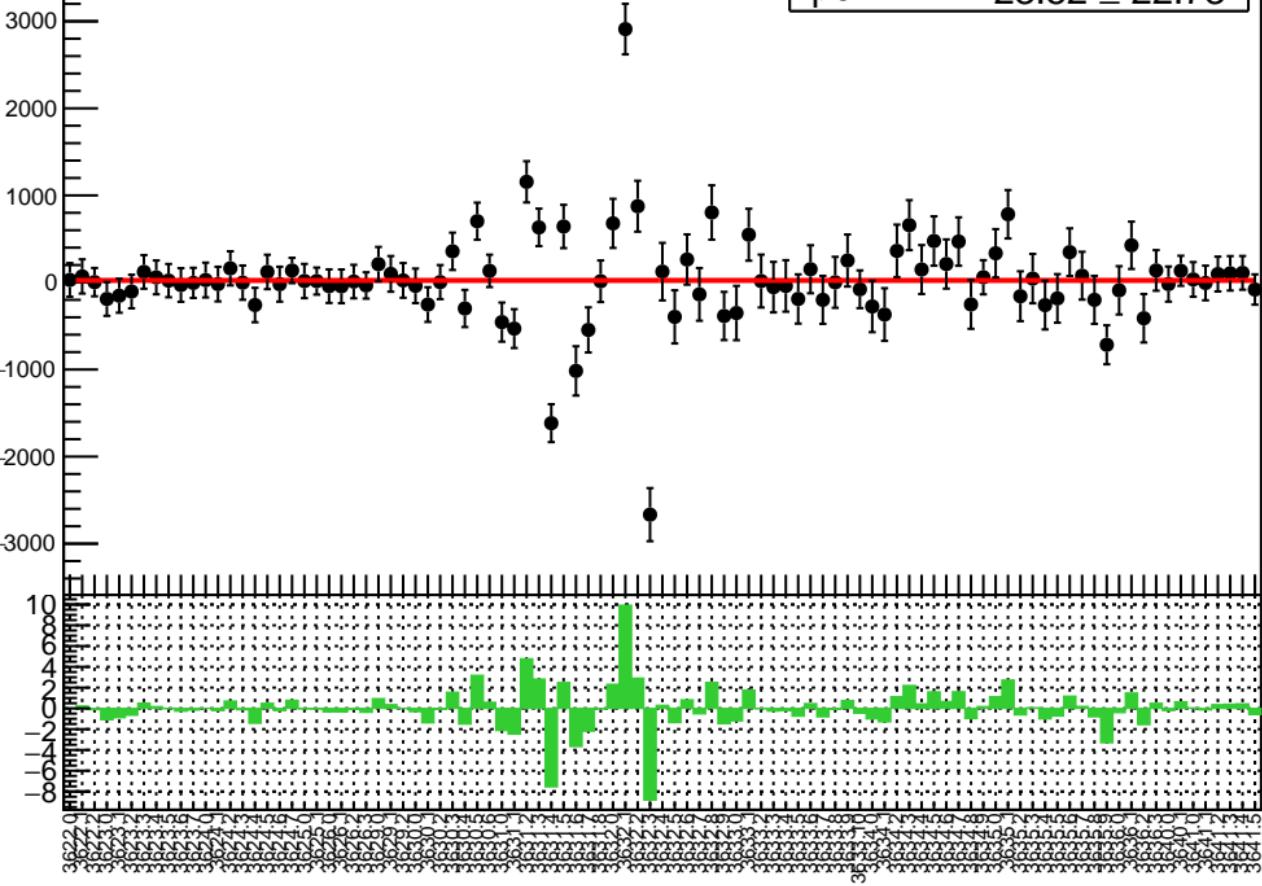
3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00

3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00

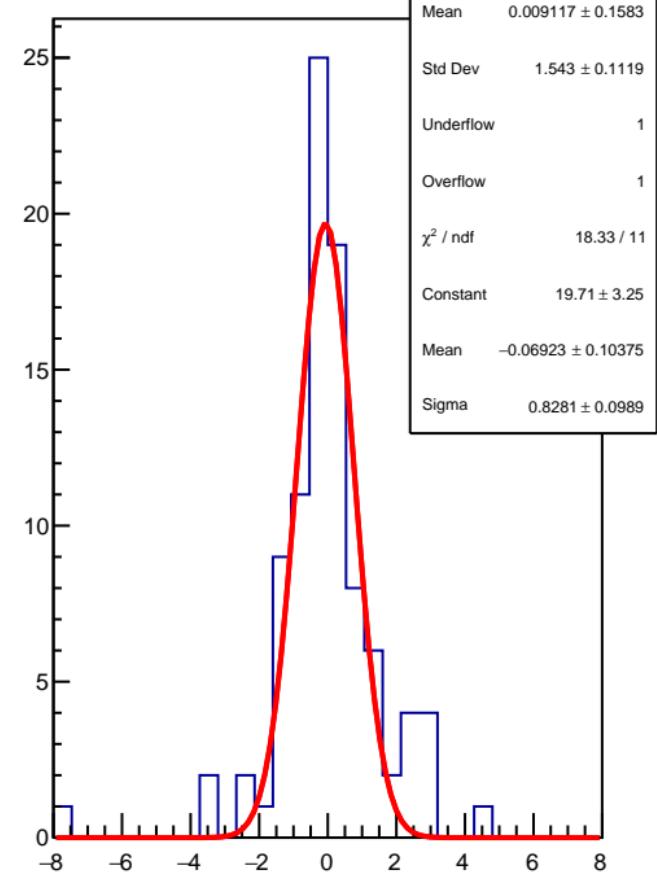


corr_us_avg_bpm1Y (ppb)

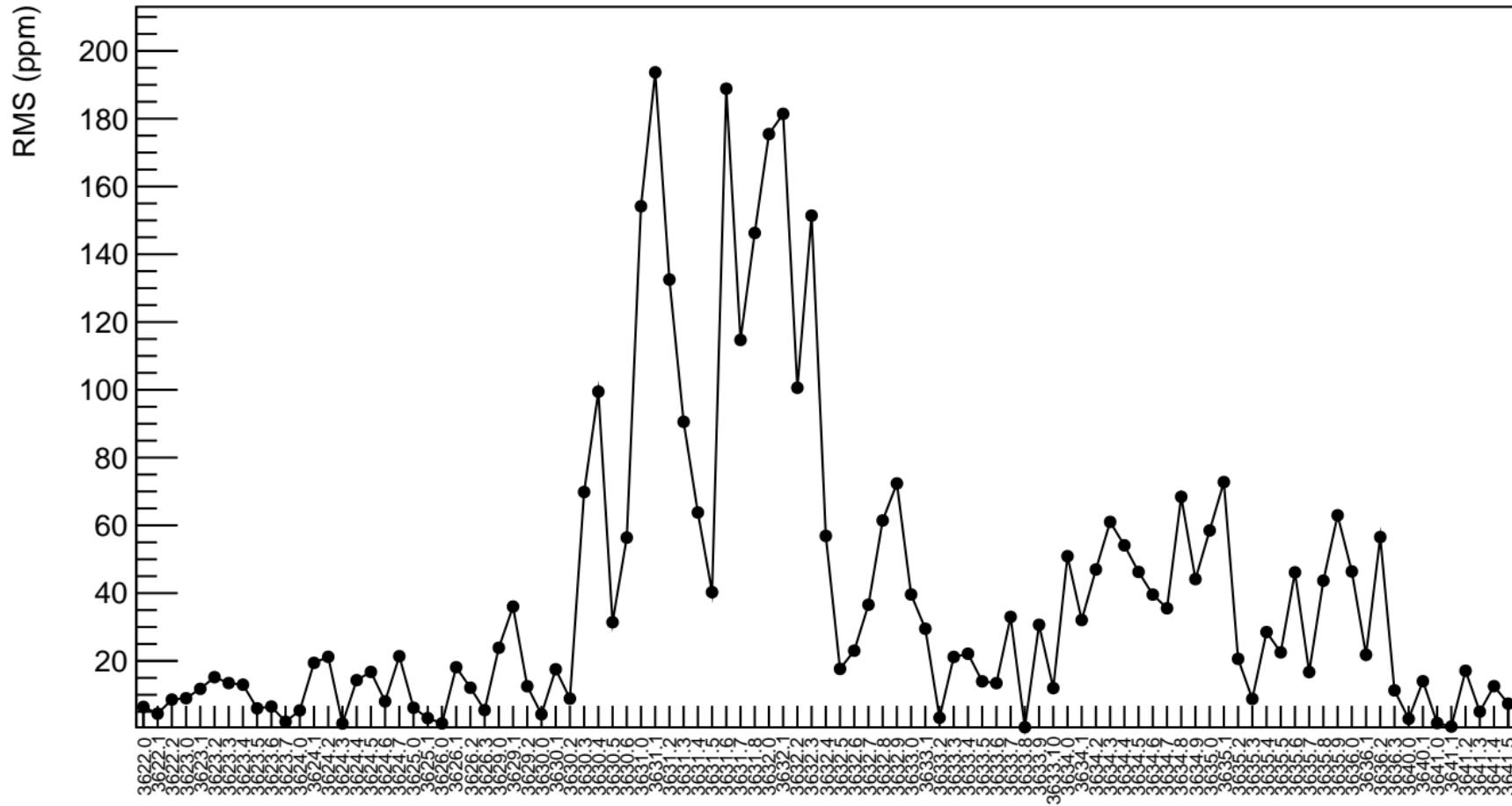
χ^2 / ndf 402.8 / 96
 p_0 23.52 ± 22.73



1D pull distribution

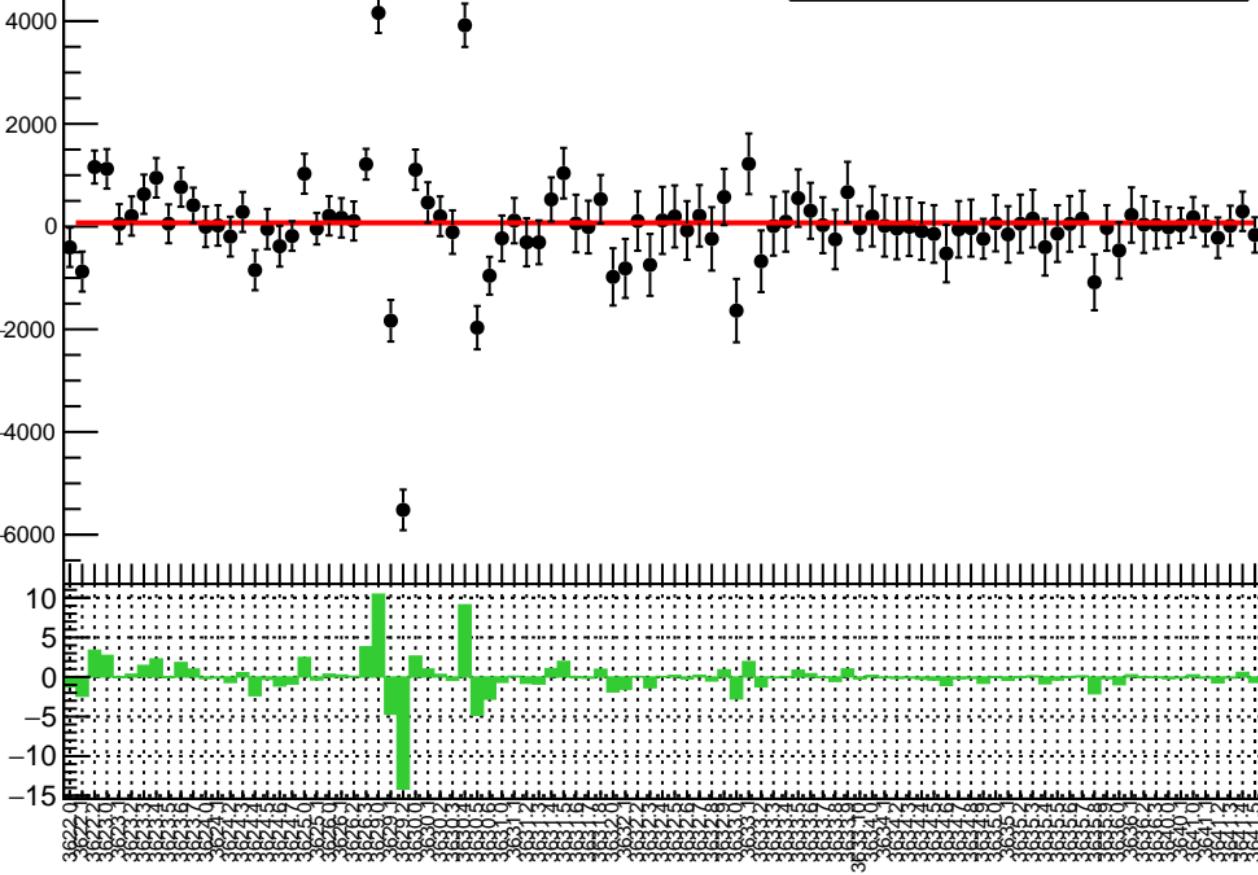


corr_us_avg_bpm1Y RMS (ppm)

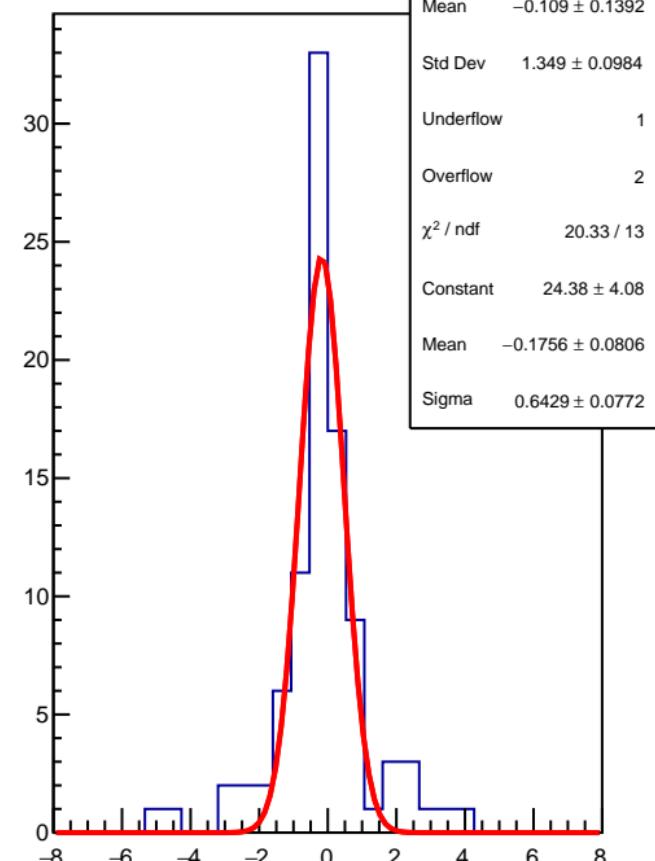


corr_us_avg_bpm16X (ppb)

χ^2 / ndf 565.6 / 96
p0 71.54 ± 44.95

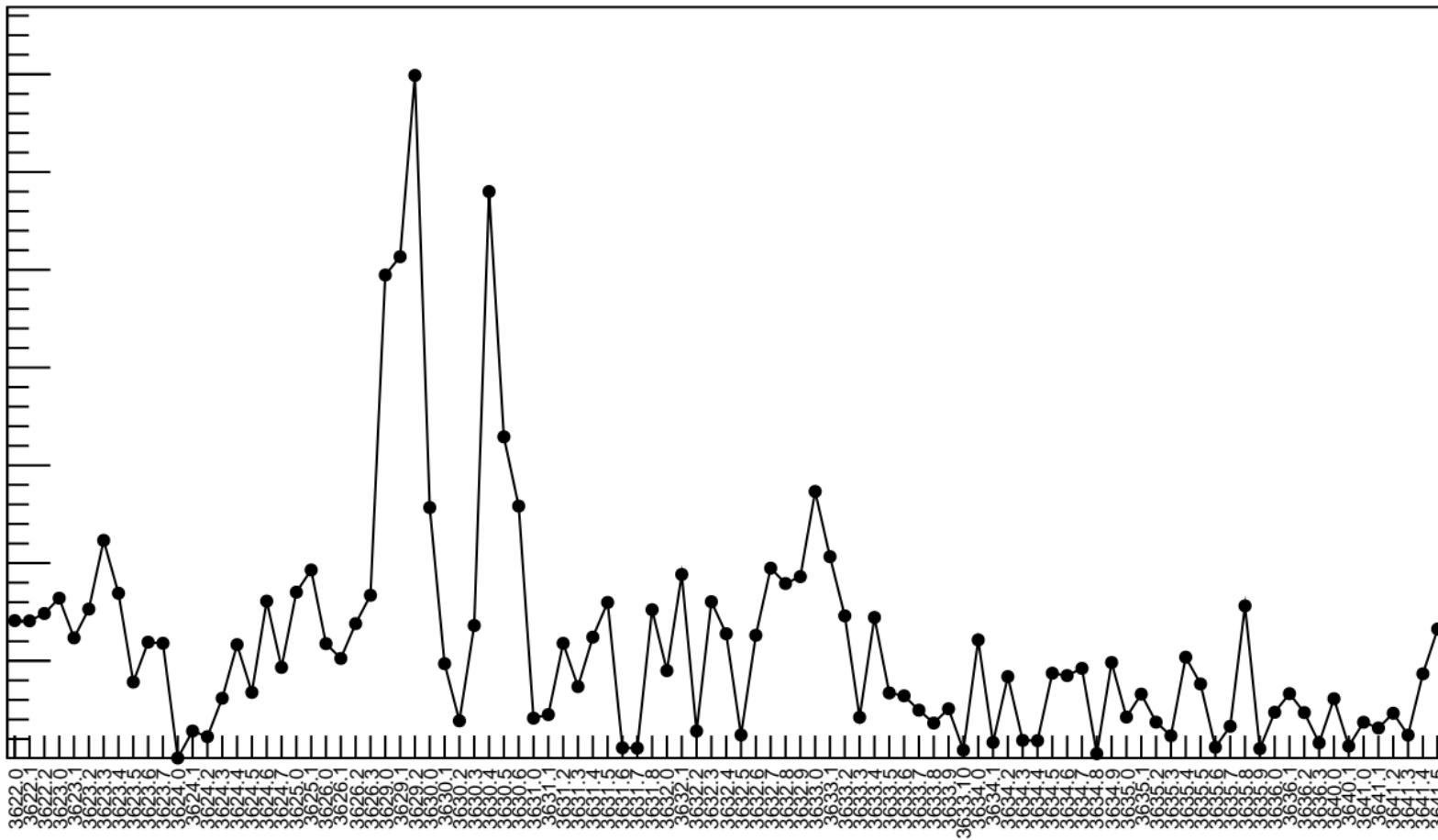


1D pull distribution

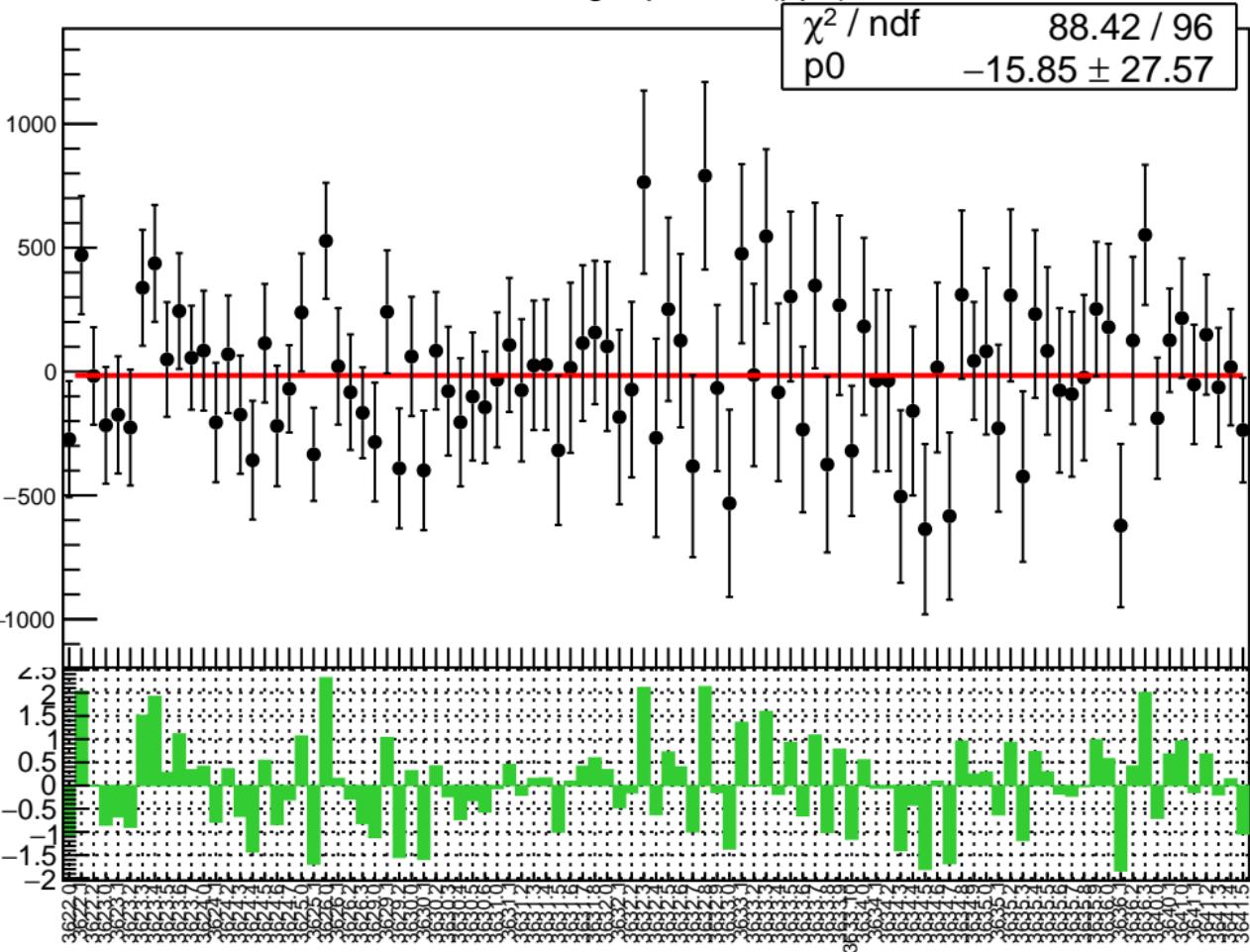


corr_us_avg_bpm16X RMS (ppm)

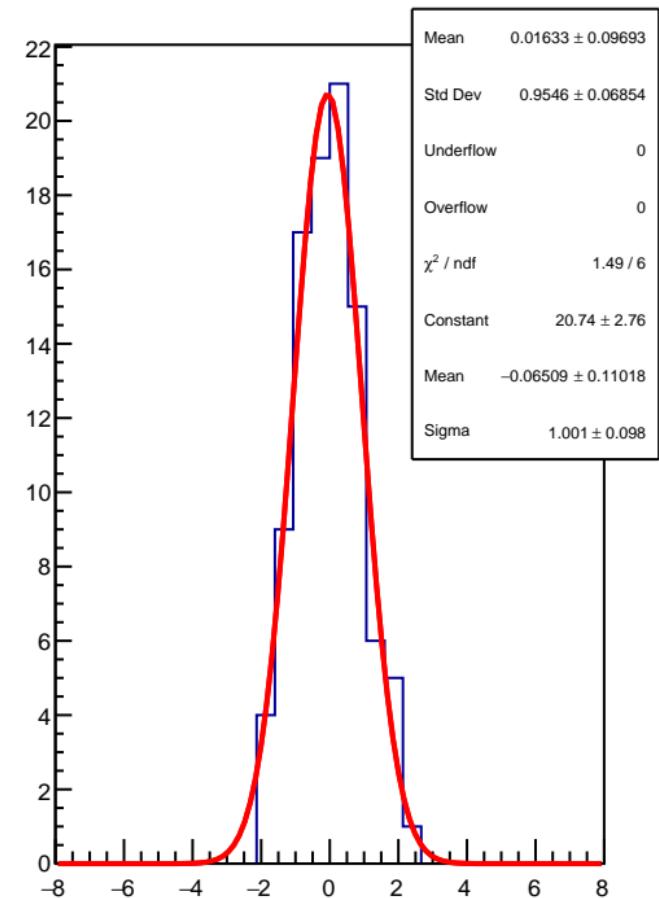
RMS (ppm)



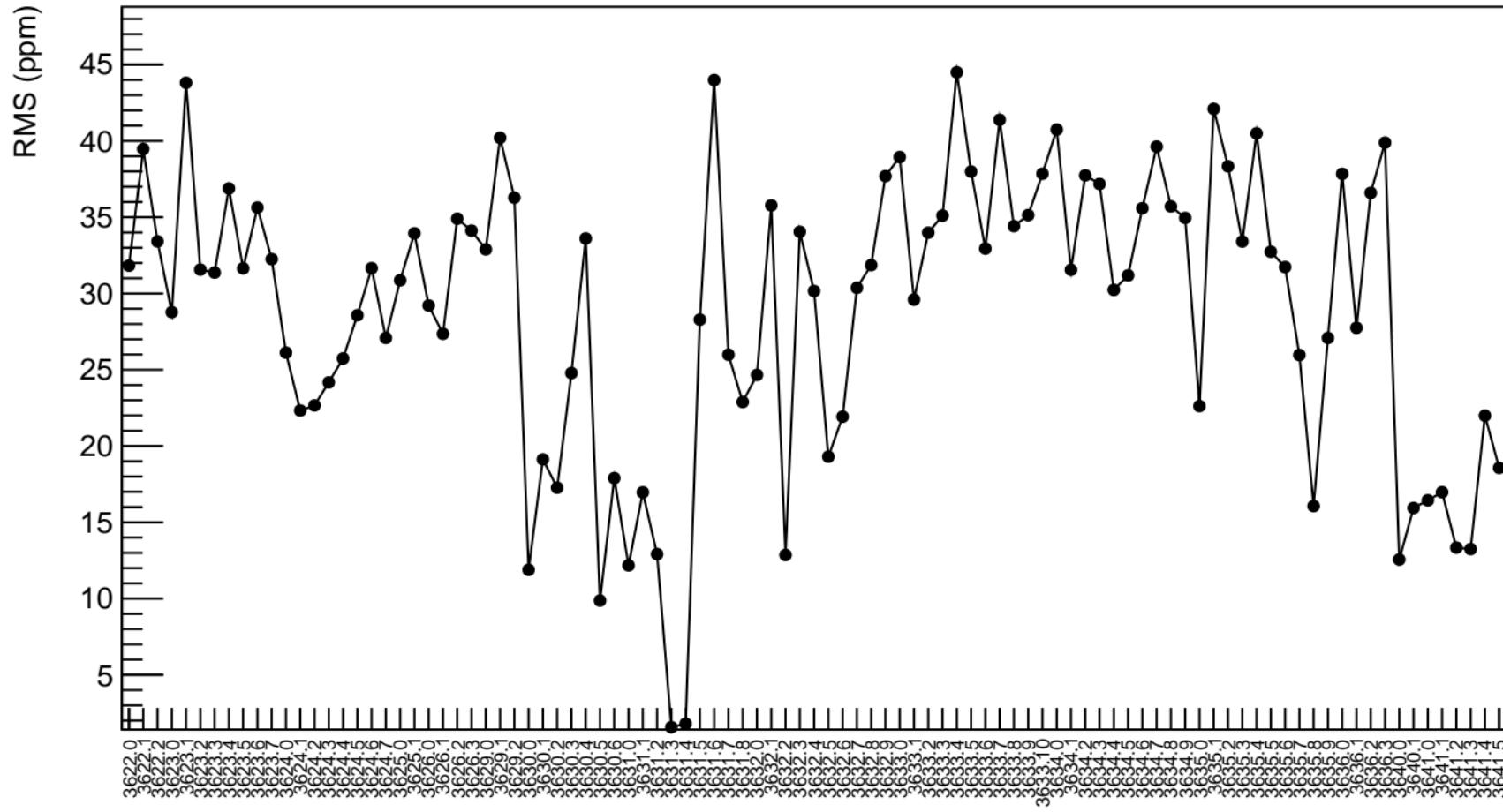
corr_us_avg_bpm16Y (ppb)



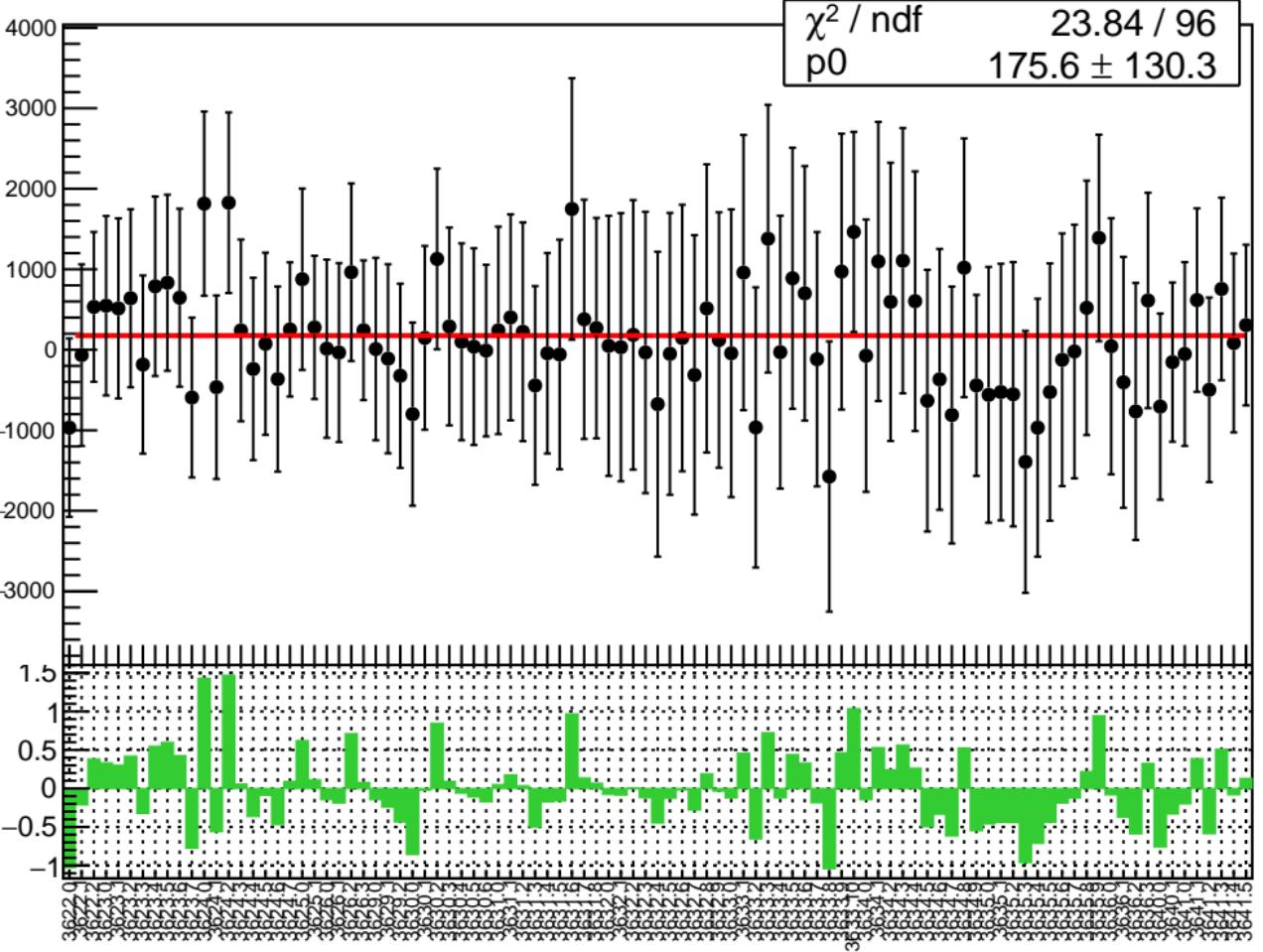
1D pull distribution



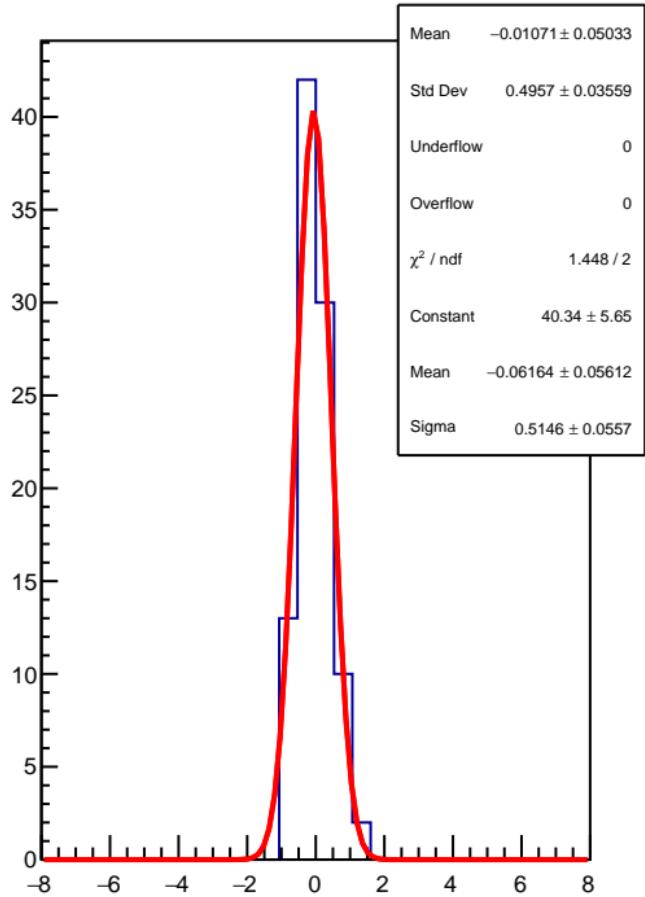
corr_us_avg_bpm16Y RMS (ppm)



corr_us_avg_bpm12X (ppb)

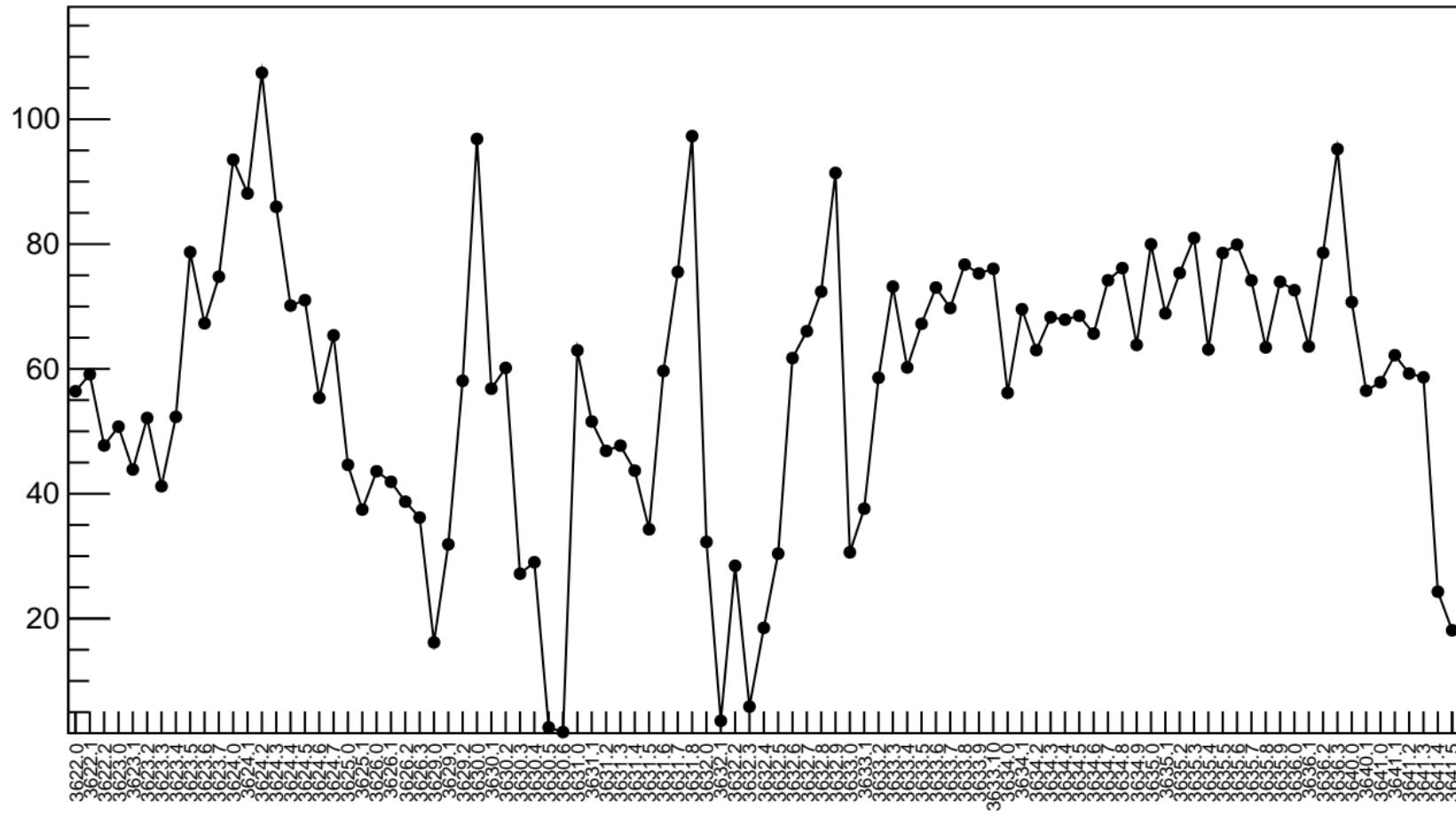


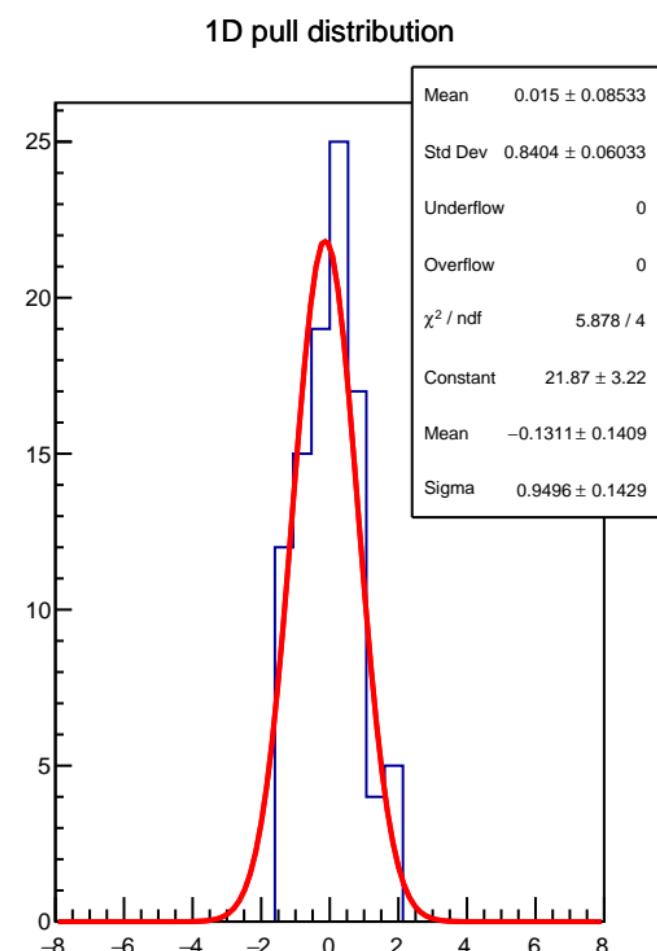
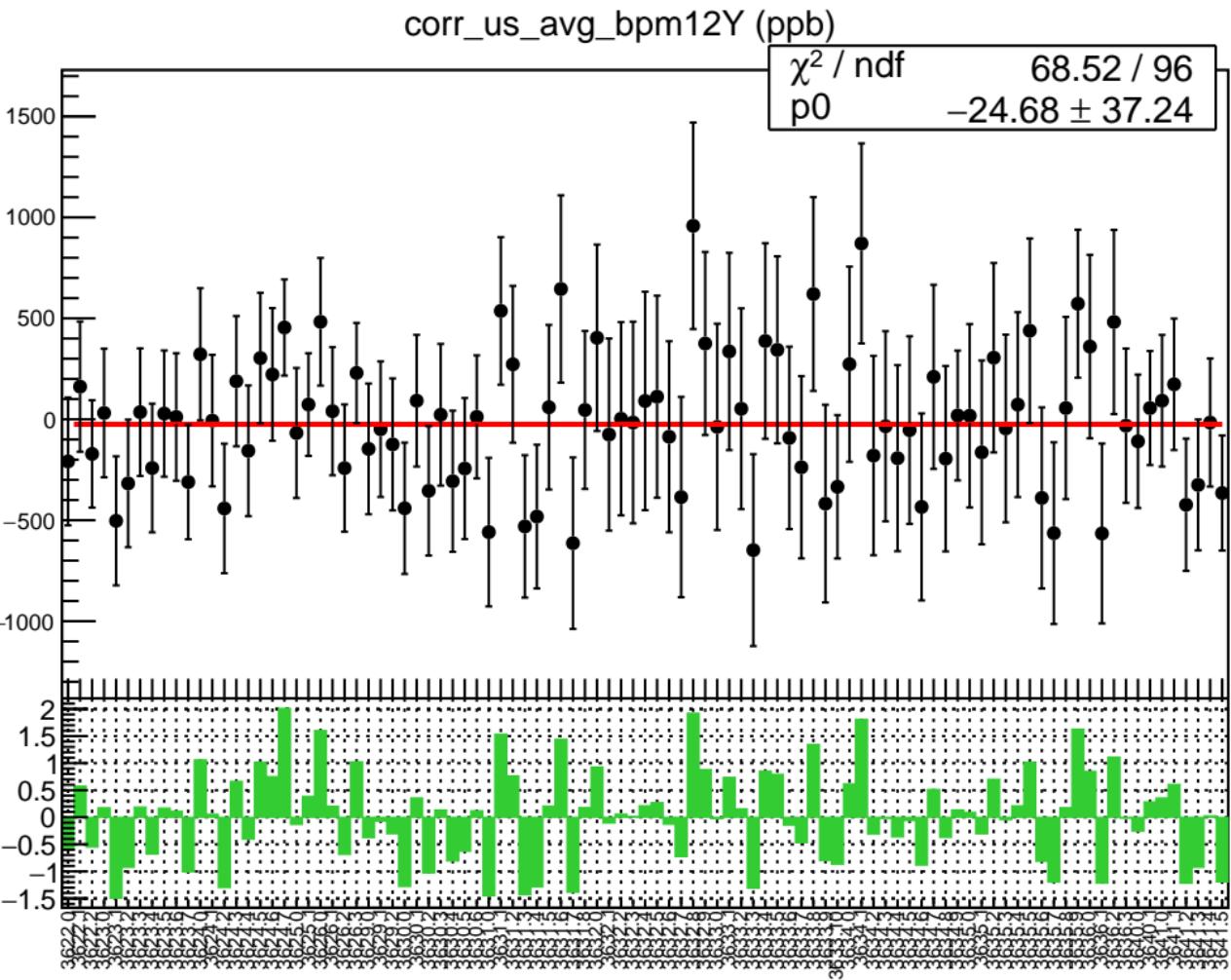
1D pull distribution



corr_us_avg_bpm12X RMS (ppm)

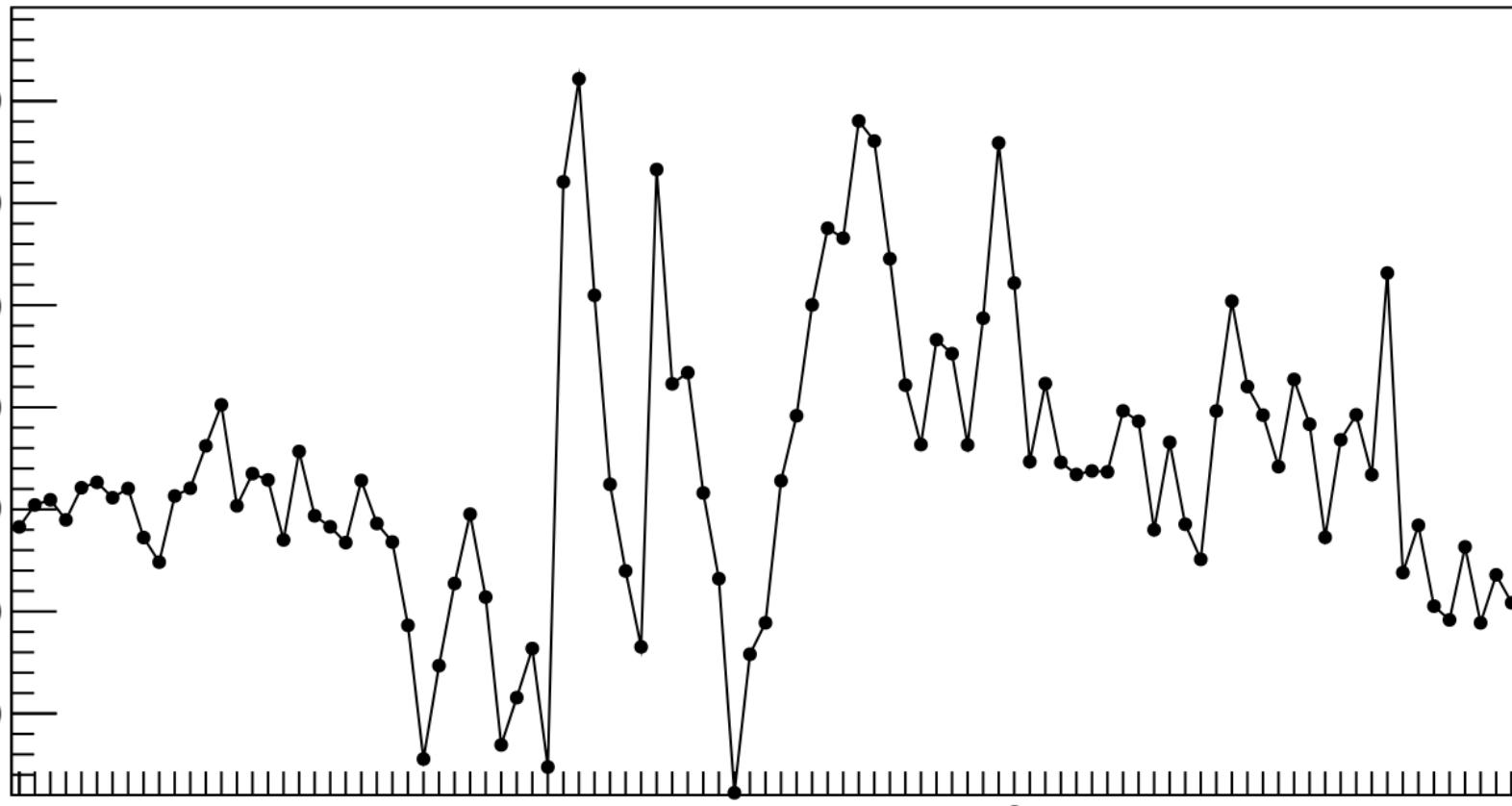
RMS (ppm)



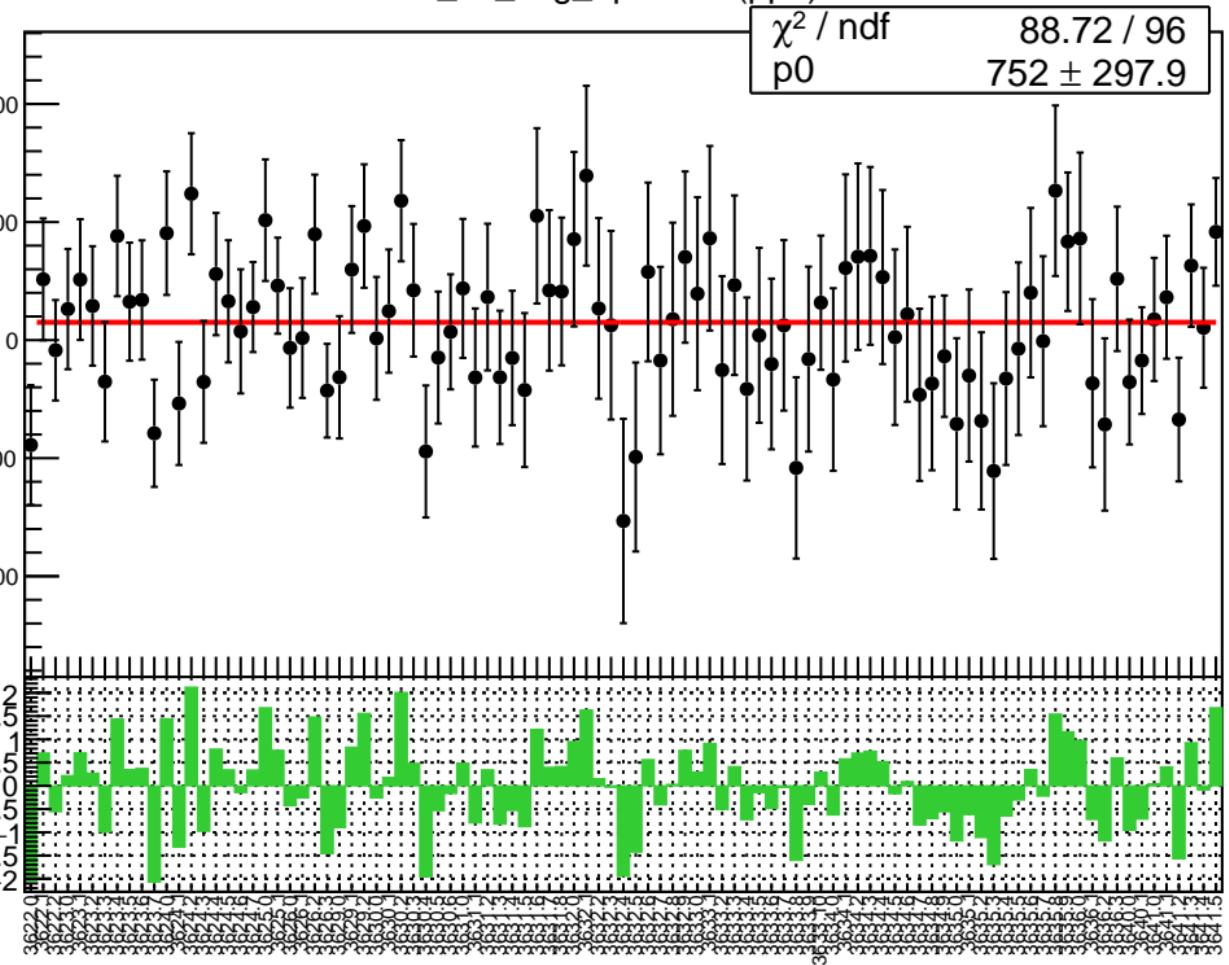


corr_us_avg_bpm12Y RMS (ppm)

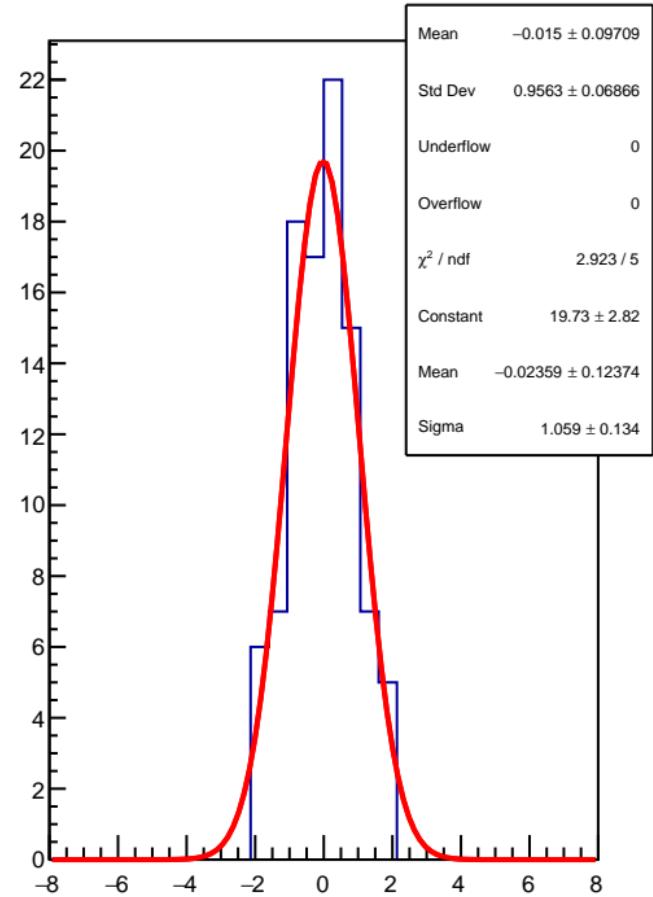
RMS (ppm)



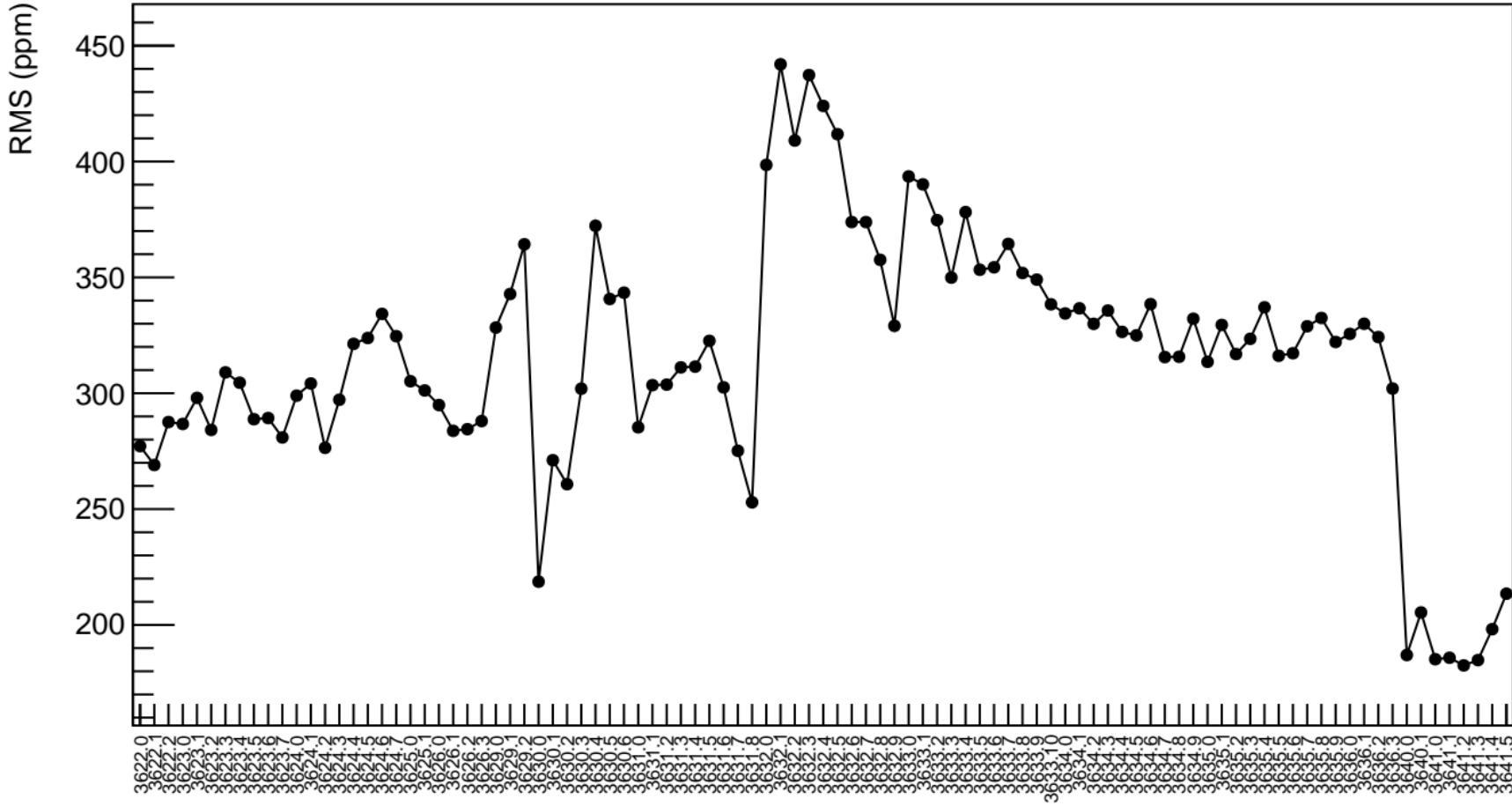
corr_us_avg_bpm11X (ppb)



1D pull distribution

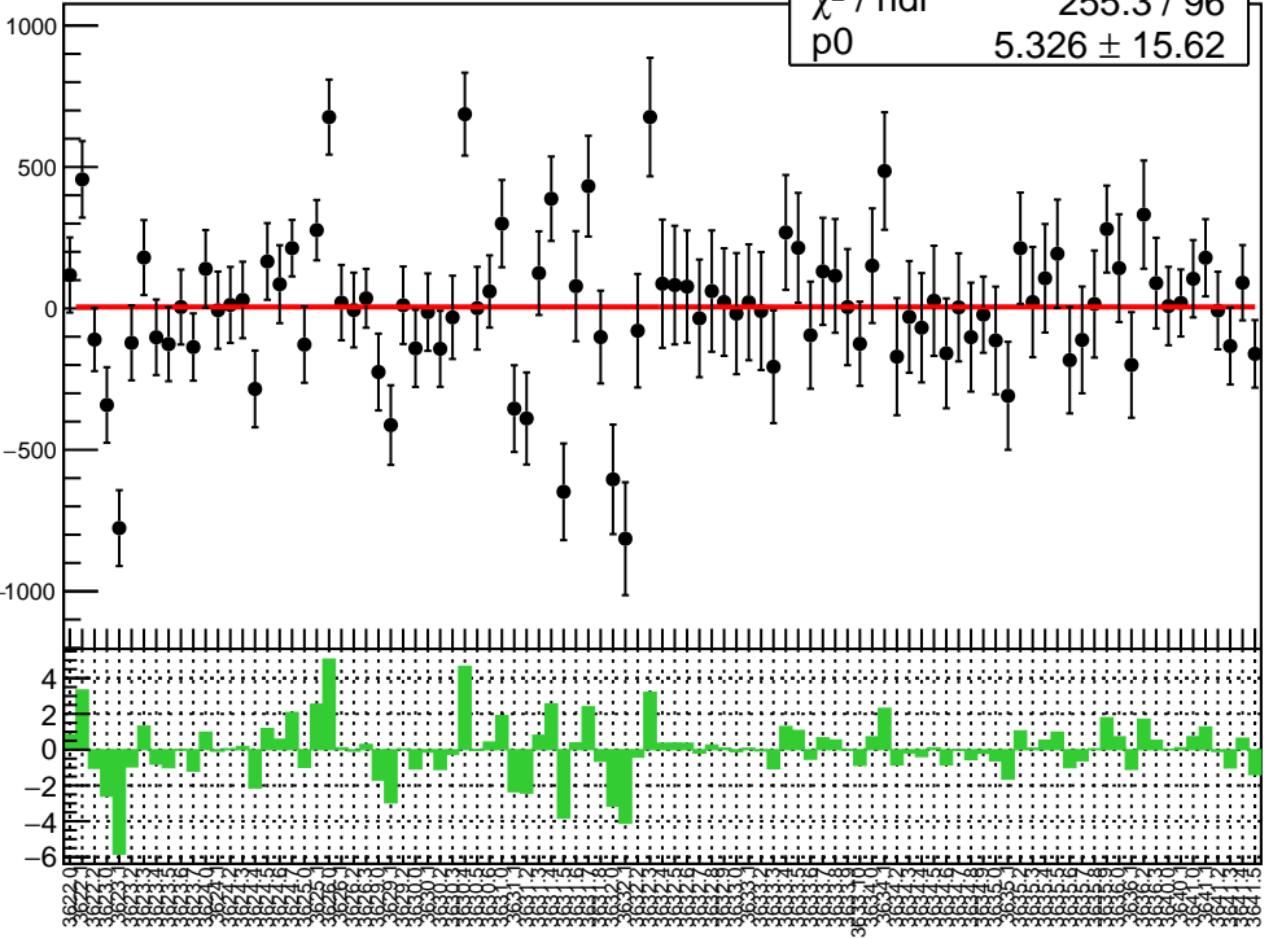


corr_us_avg_bpm11X RMS (ppm)

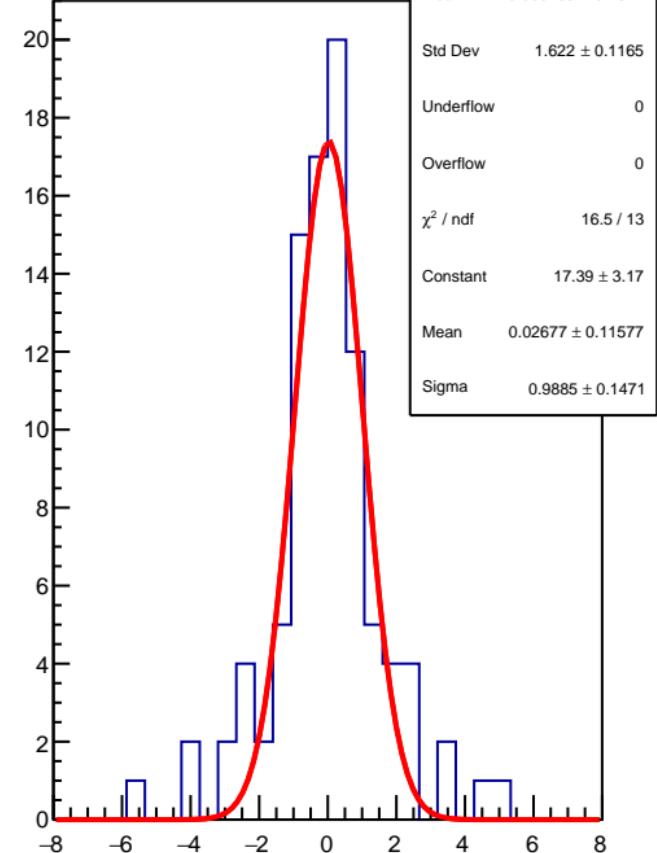


corr_us_avg_bpm11Y (ppb)

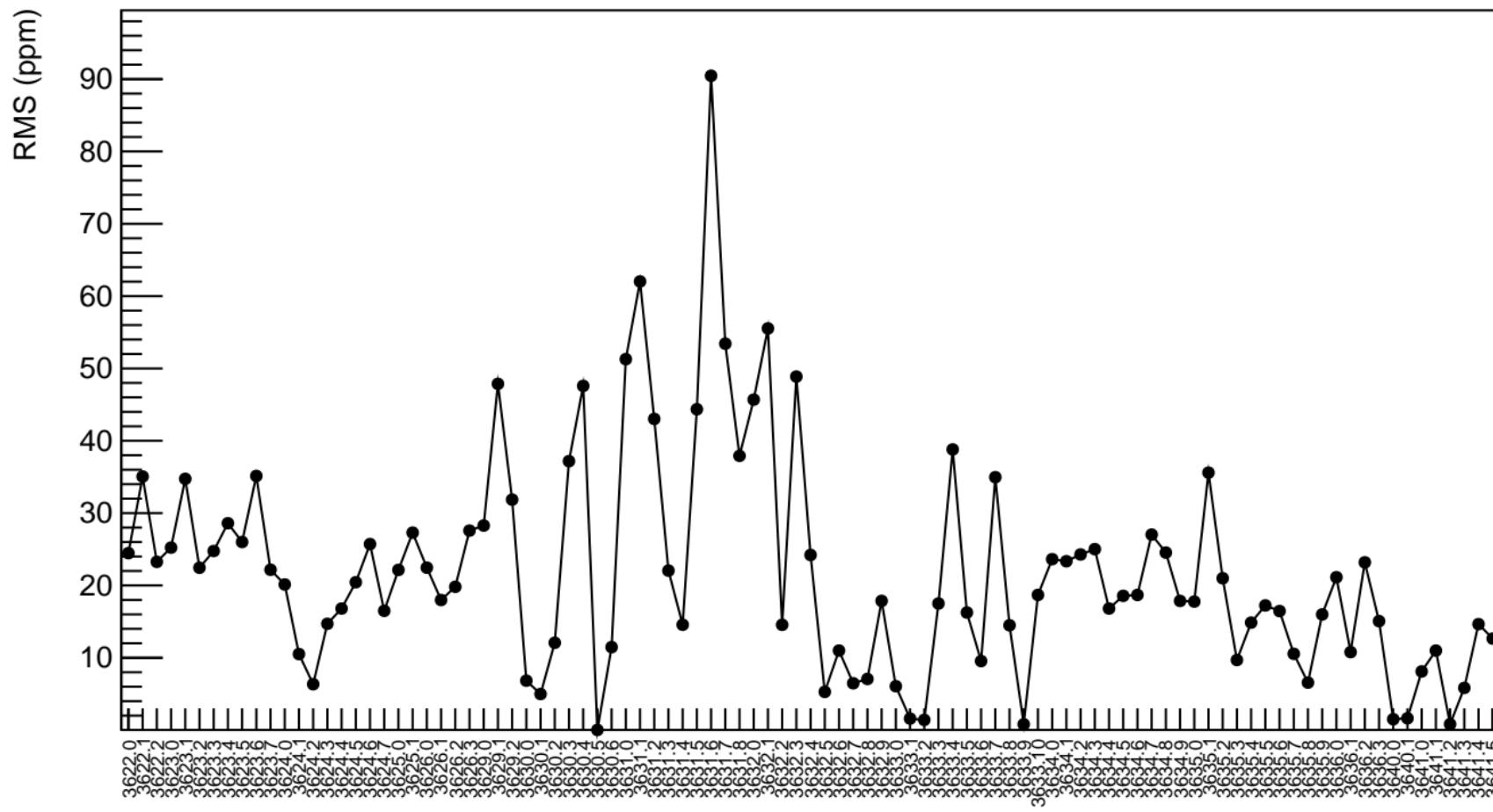
χ^2 / ndf 255.3 / 96
p0 5.326 ± 15.62



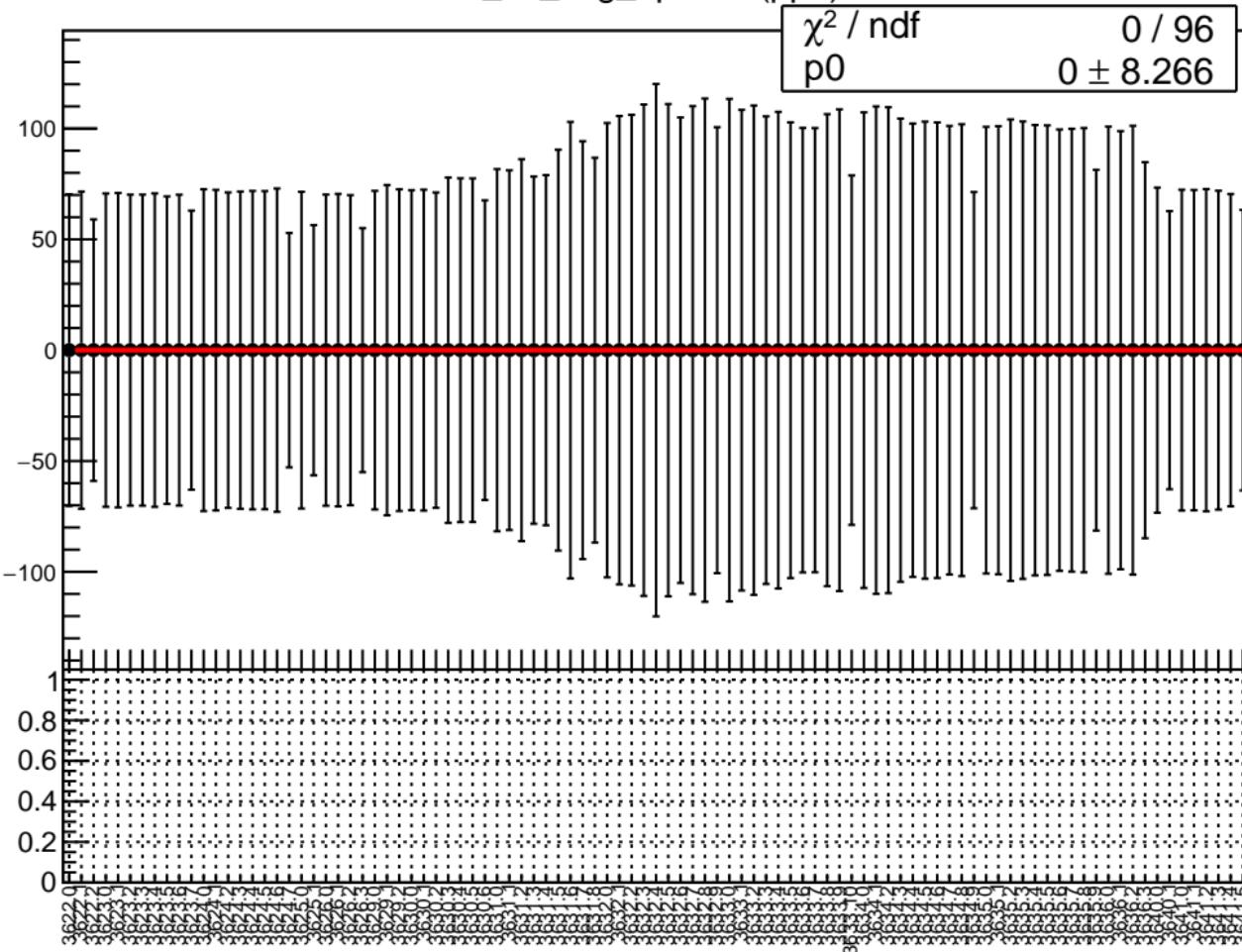
1D pull distribution



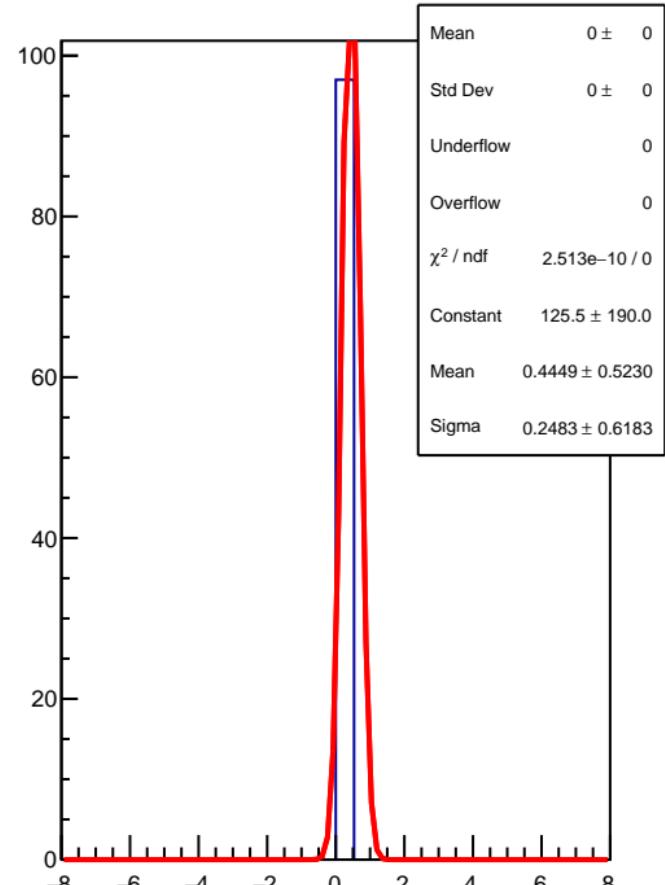
corr_us_avg_bpm11Y RMS (ppm)



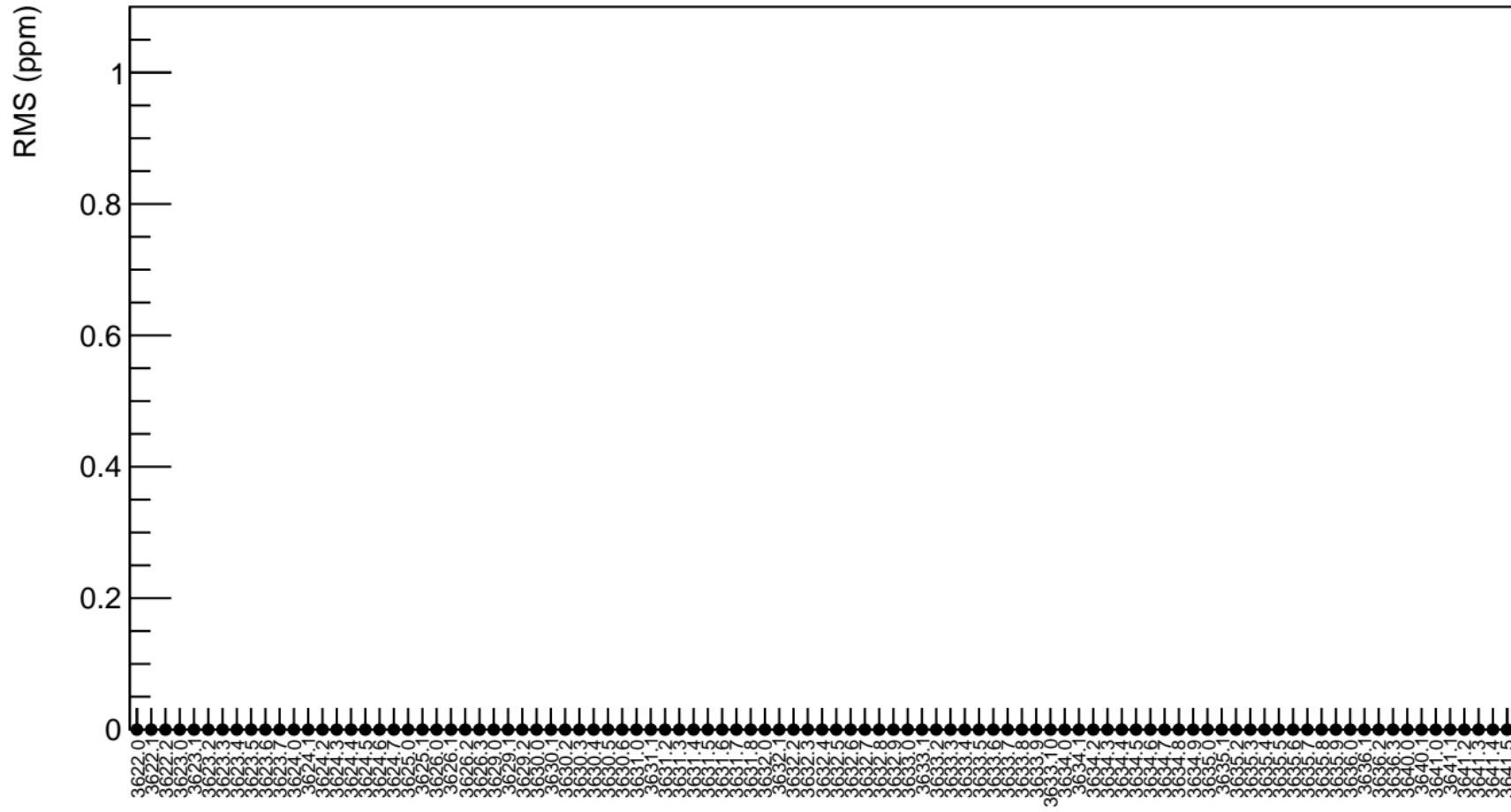
corr_us_avg_bpm8X (ppb)



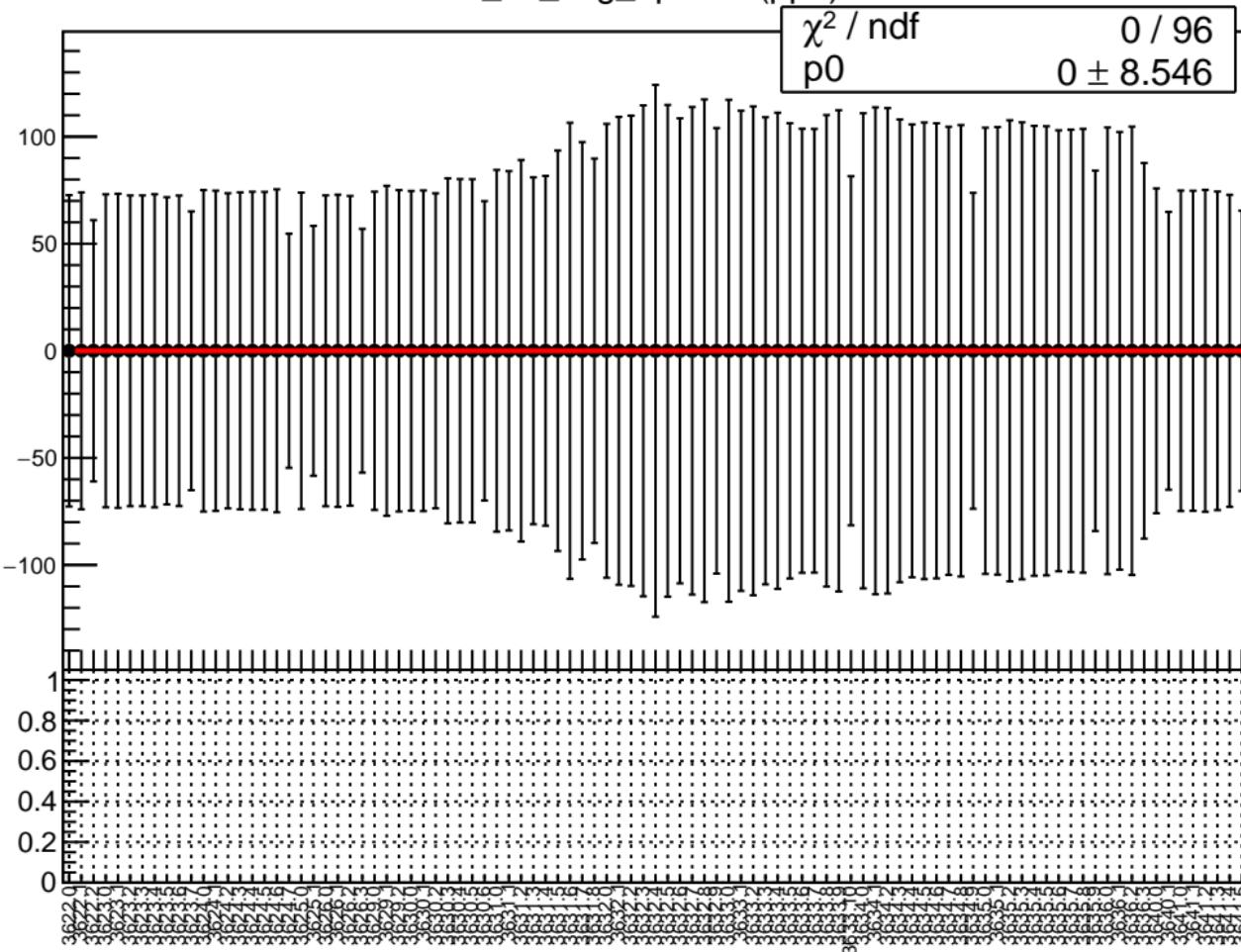
1D pull distribution



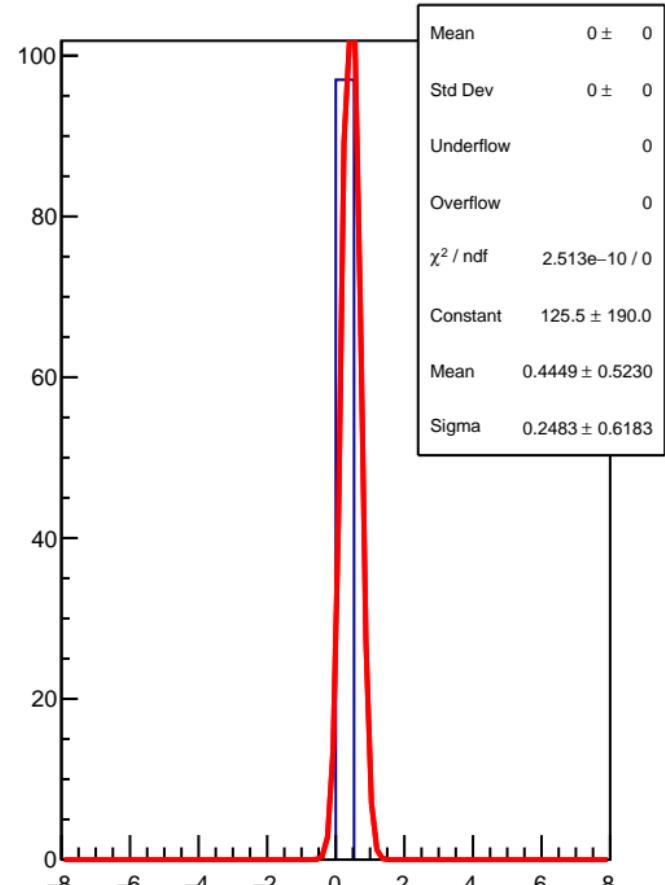
corr_us_avg_bpm8X RMS (ppm)



corr_us_avg_bpm8Y (ppb)



1D pull distribution



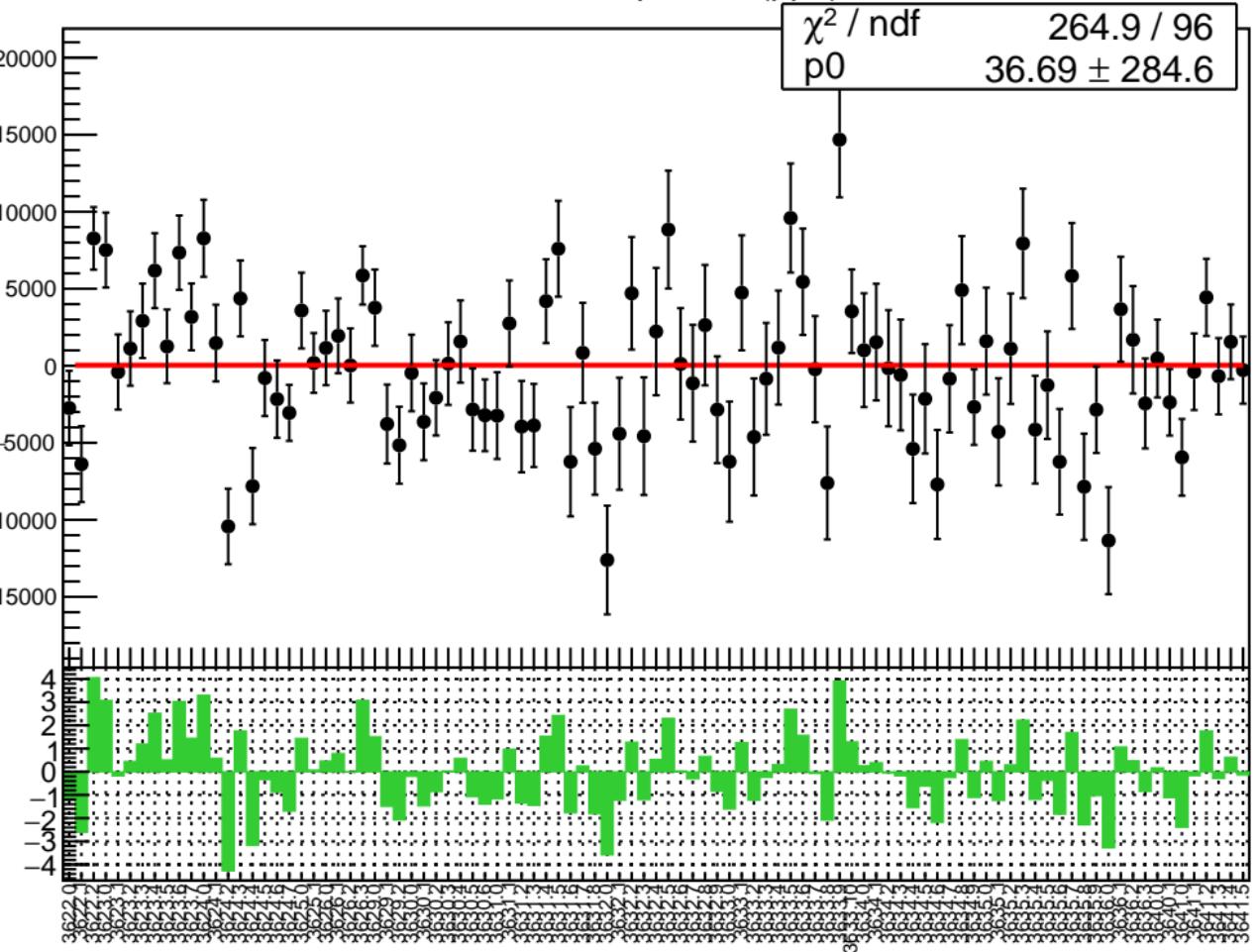
corr_us_avg_bpm8Y RMS (ppm)

RMS (ppm)

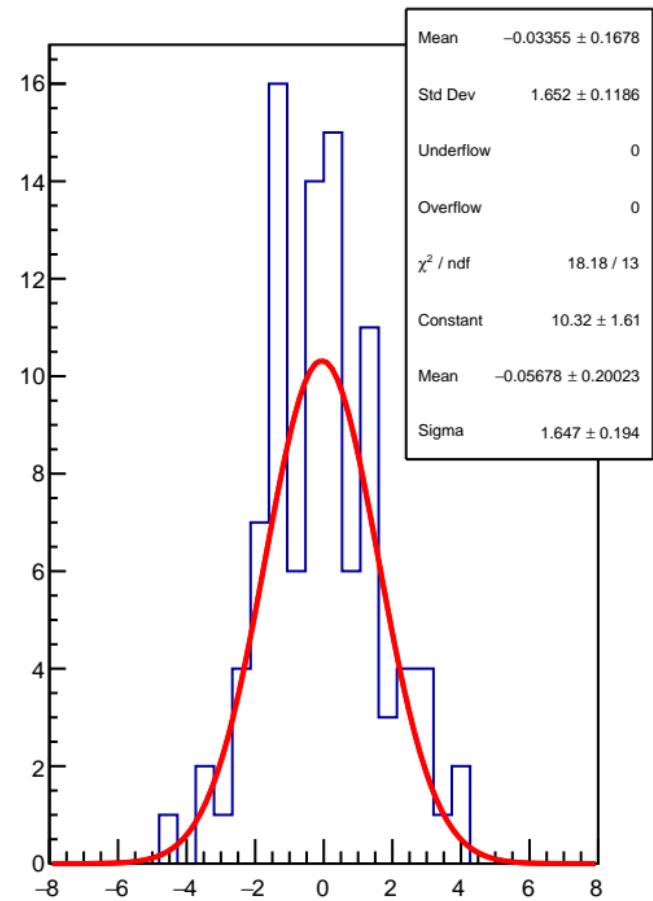
1
0.8
0.6
0.4
0.2
0

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

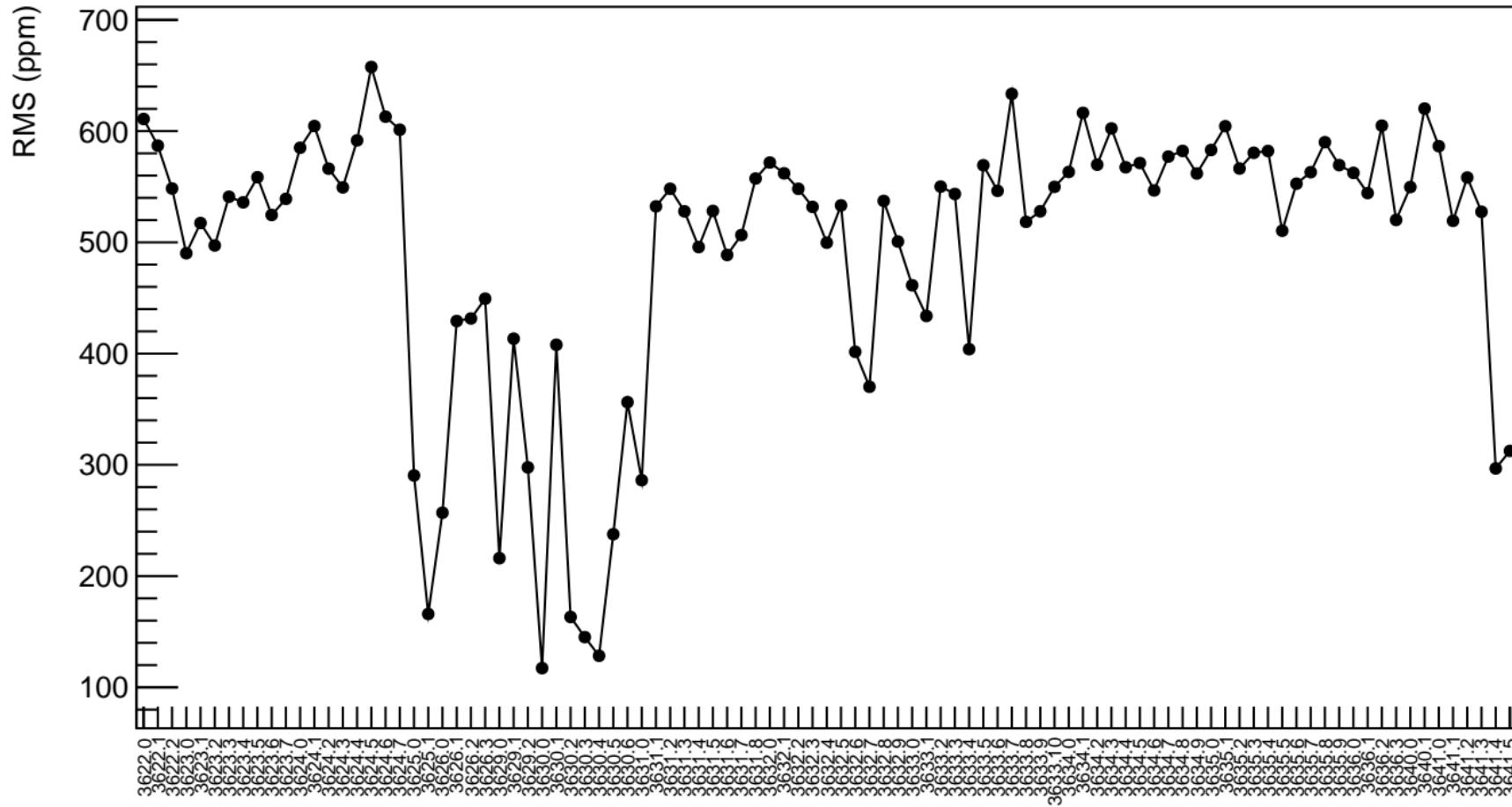
corr_us_dd_bpm4eX (ppb)



1D pull distribution

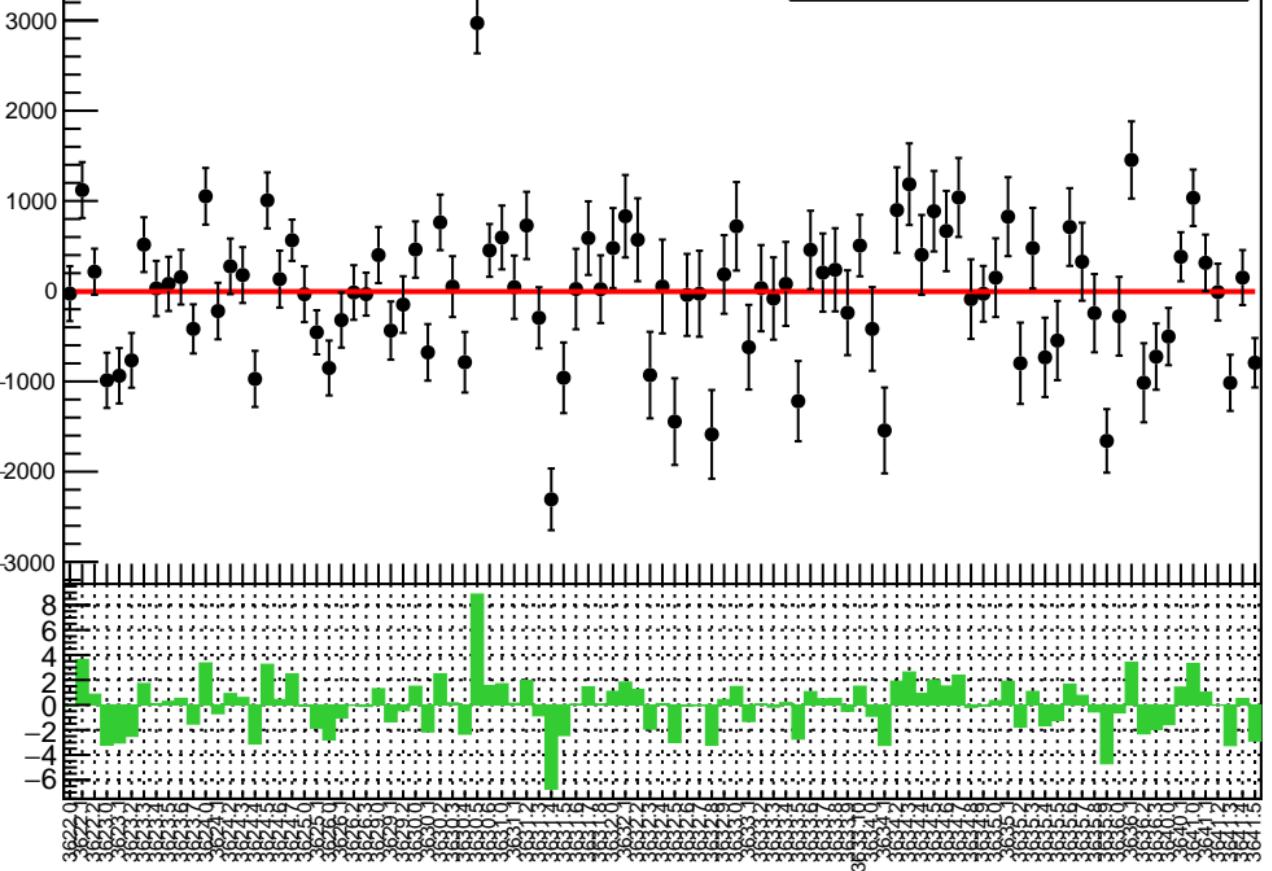


corr_us_dd_bpm4eX RMS (ppm)



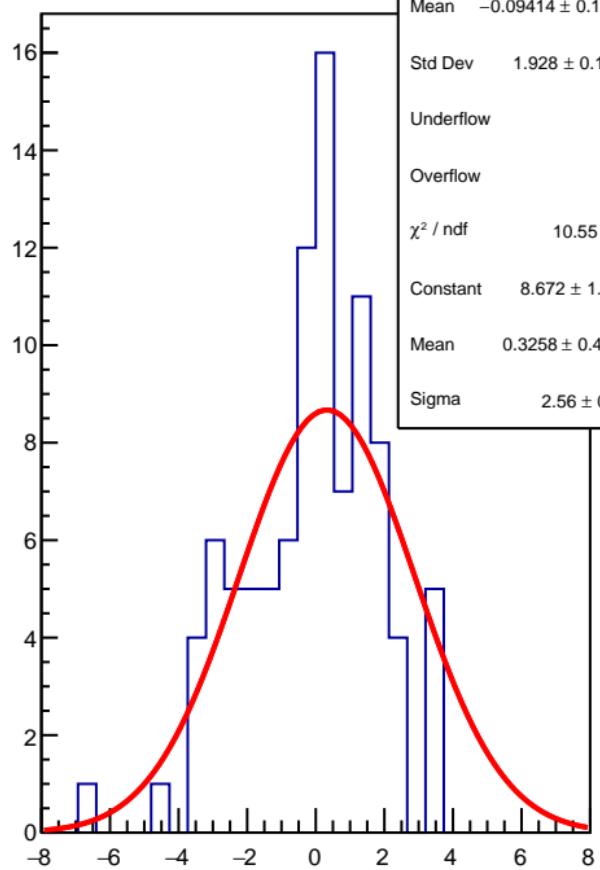
corr_us_dd_bpm4eY (ppb)

χ^2 / ndf 436.3 / 96
p0 -4.011 ± 35.76

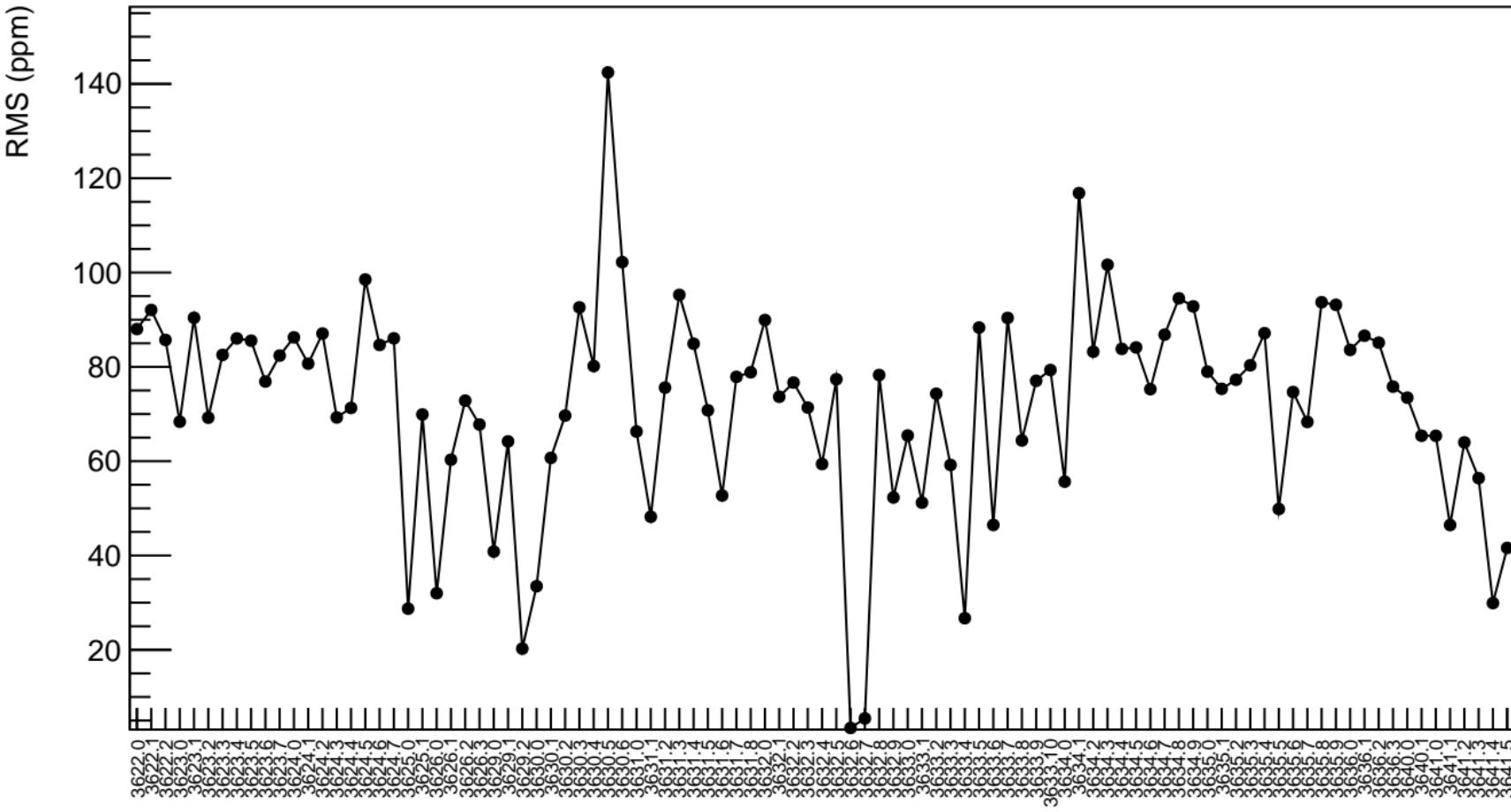


1D pull distribution

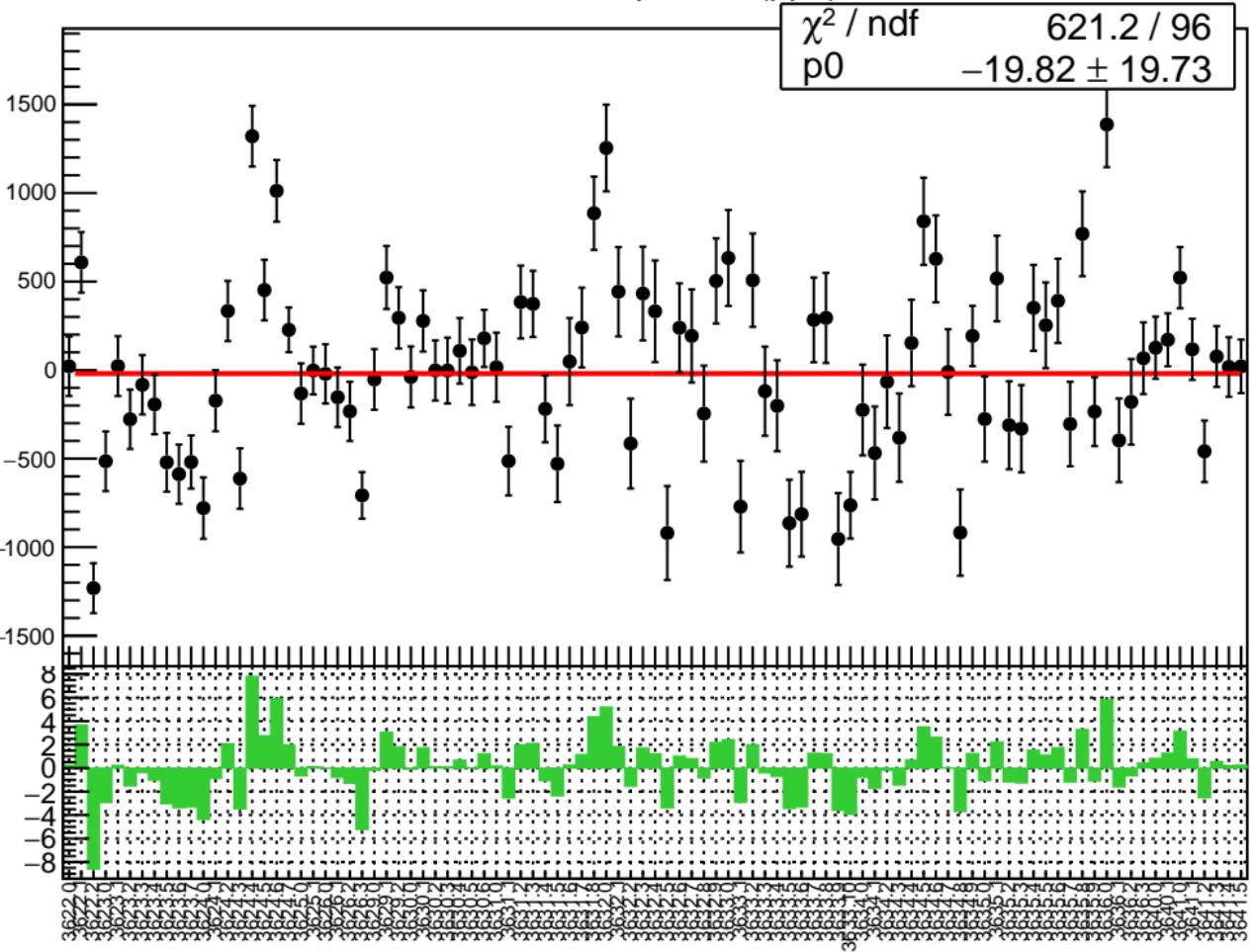
Mean -0.09414 ± 0.1967
Std Dev 1.928 ± 0.1391
Underflow 0
Overflow 1
 χ^2 / ndf 10.55 / 12
Constant 8.672 ± 1.263
Mean 0.3258 ± 0.4123
Sigma 2.56 ± 0.47



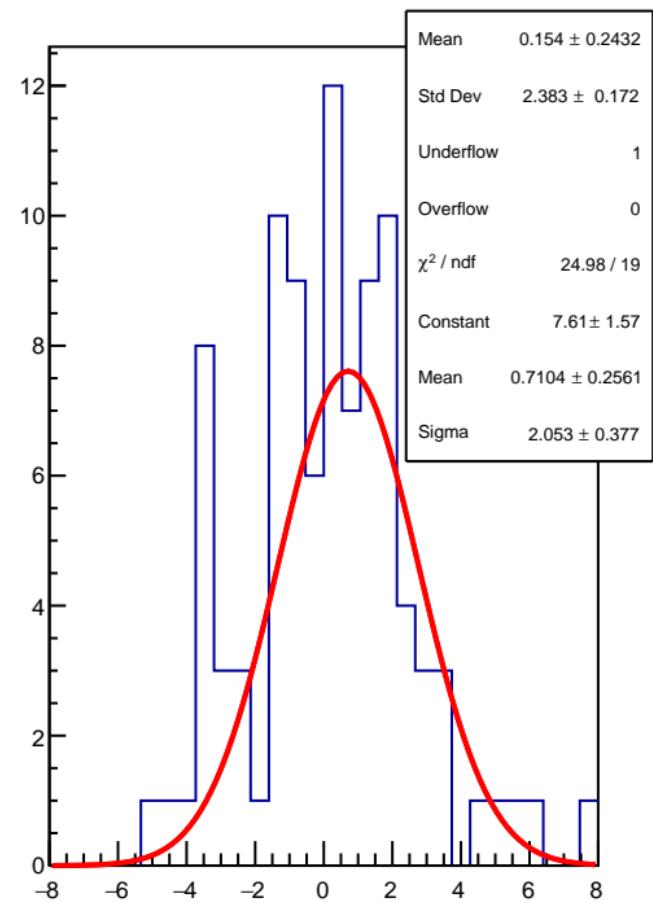
corr_us_dd_bpm4eY RMS (ppm)



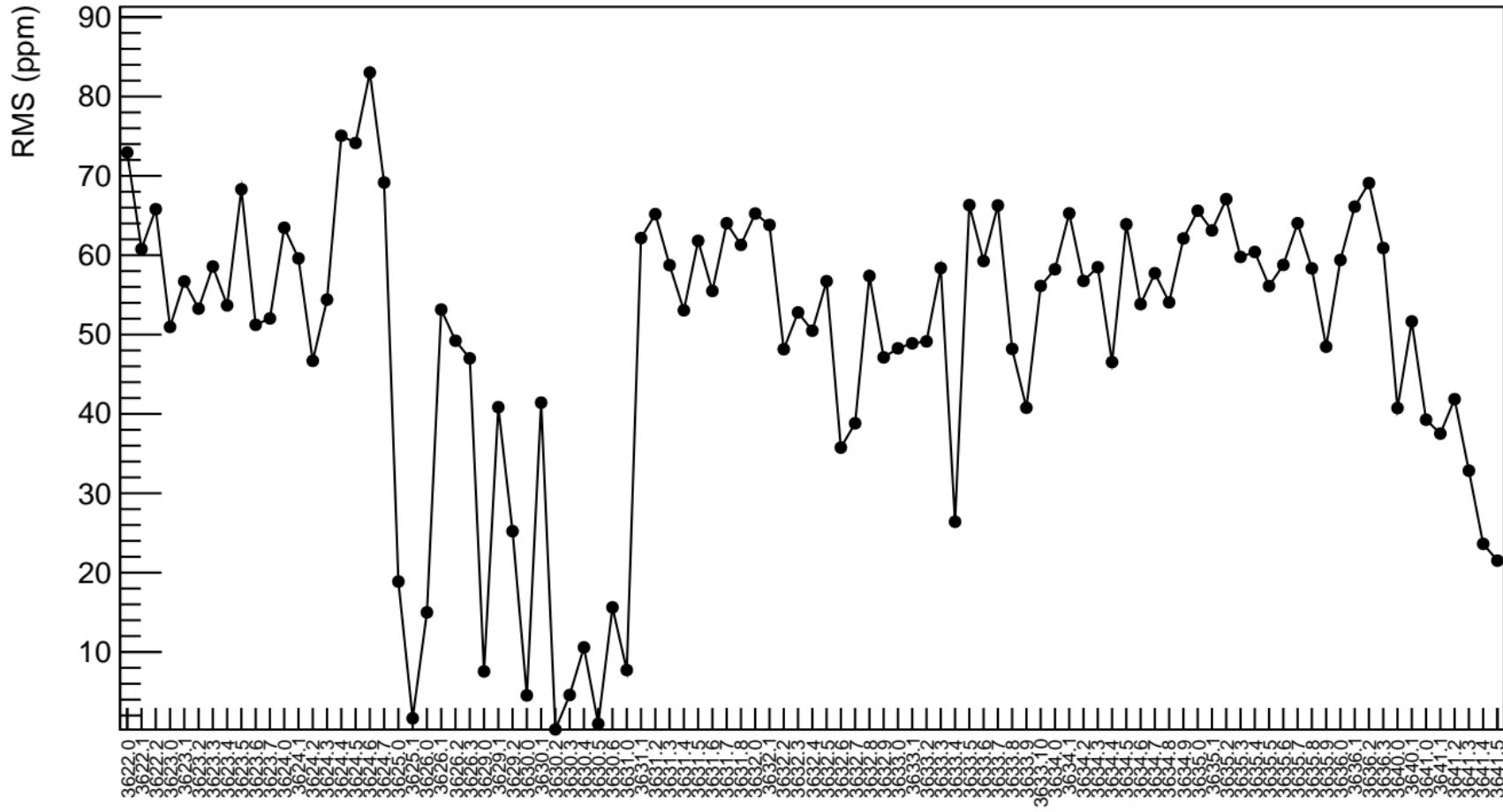
corr_us_dd_bpm4aX (ppb)



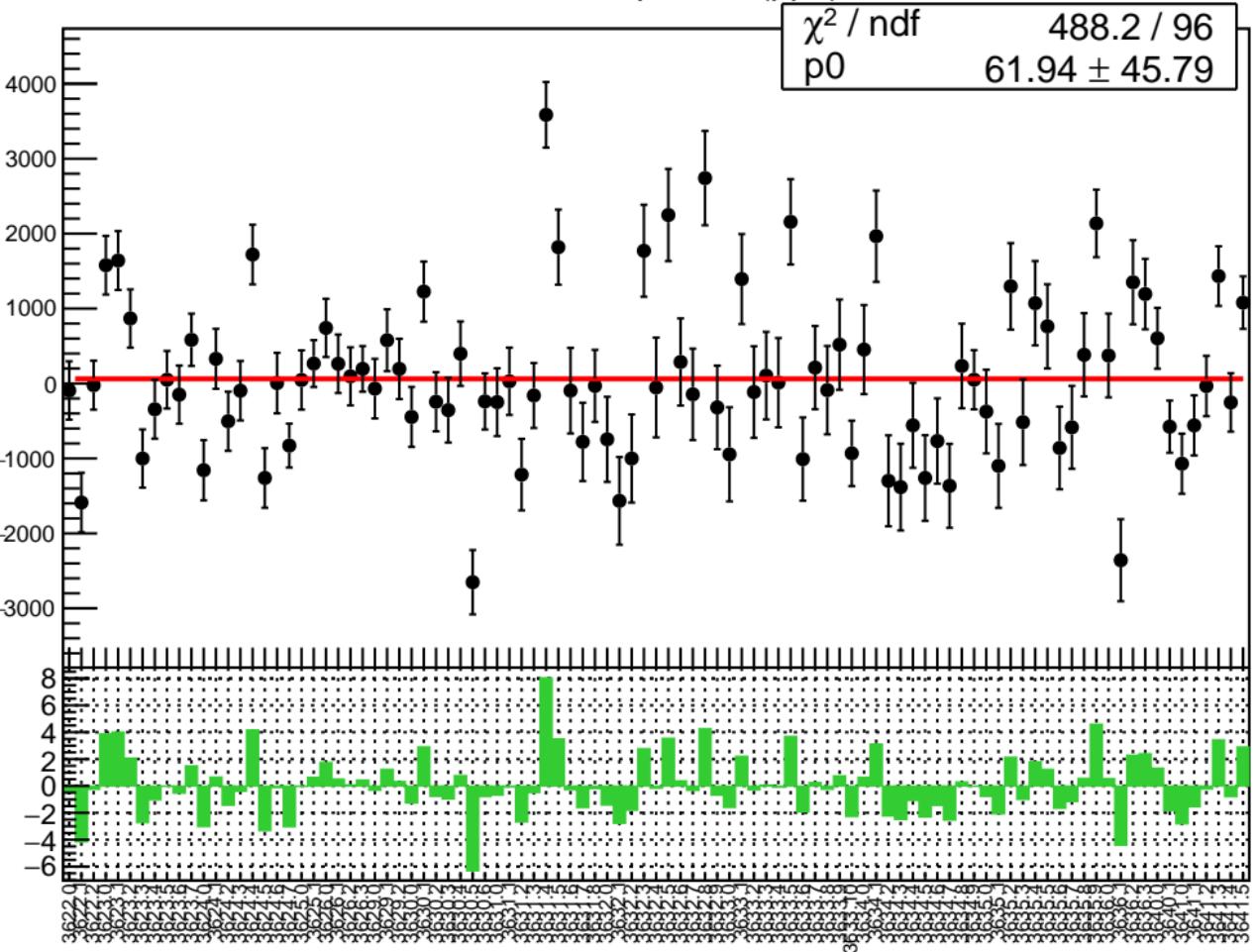
1D pull distribution



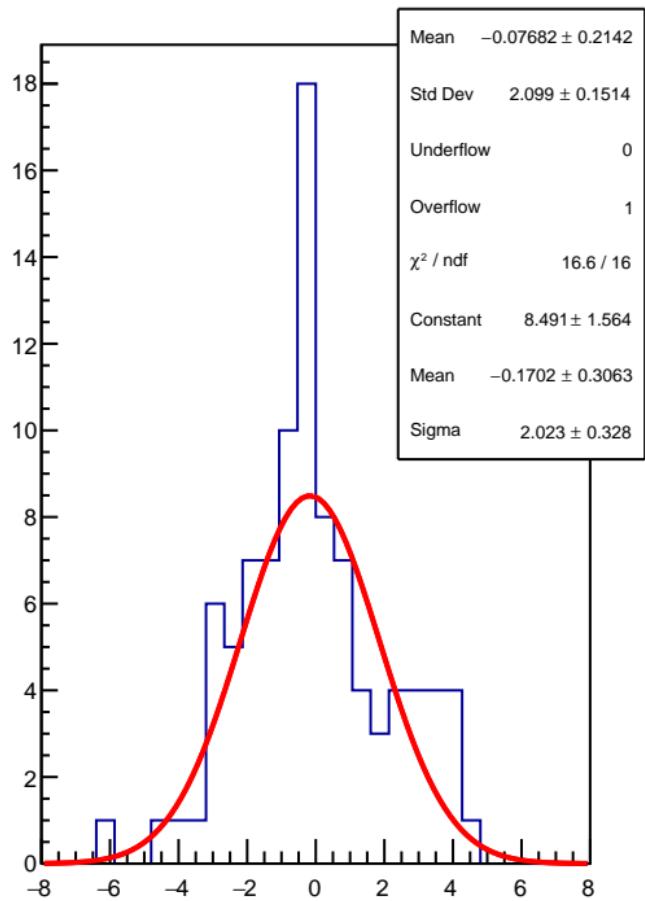
corr_us_dd_bpm4aX RMS (ppm)



corr_us_dd_bpm4aY (ppb)

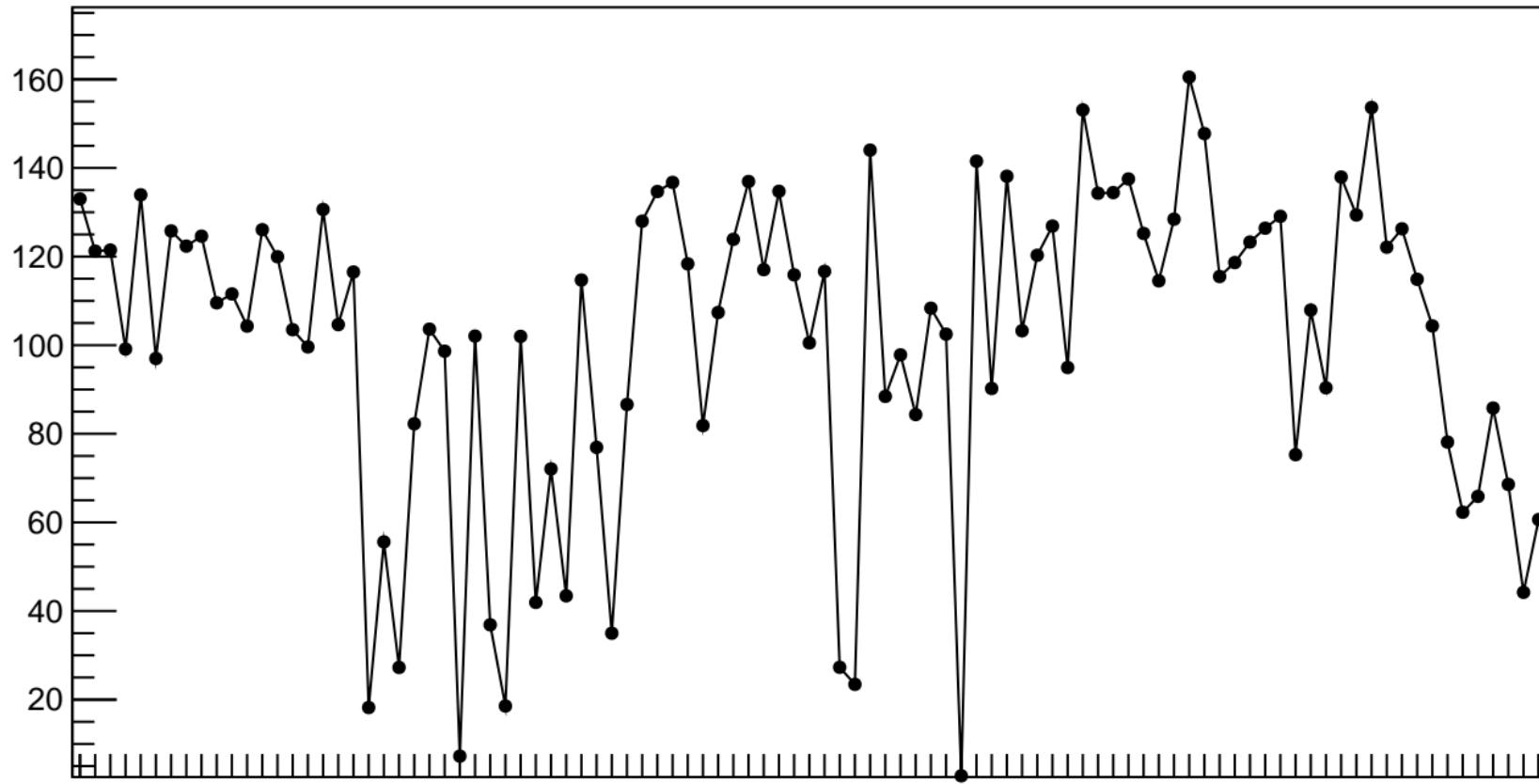


1D pull distribution



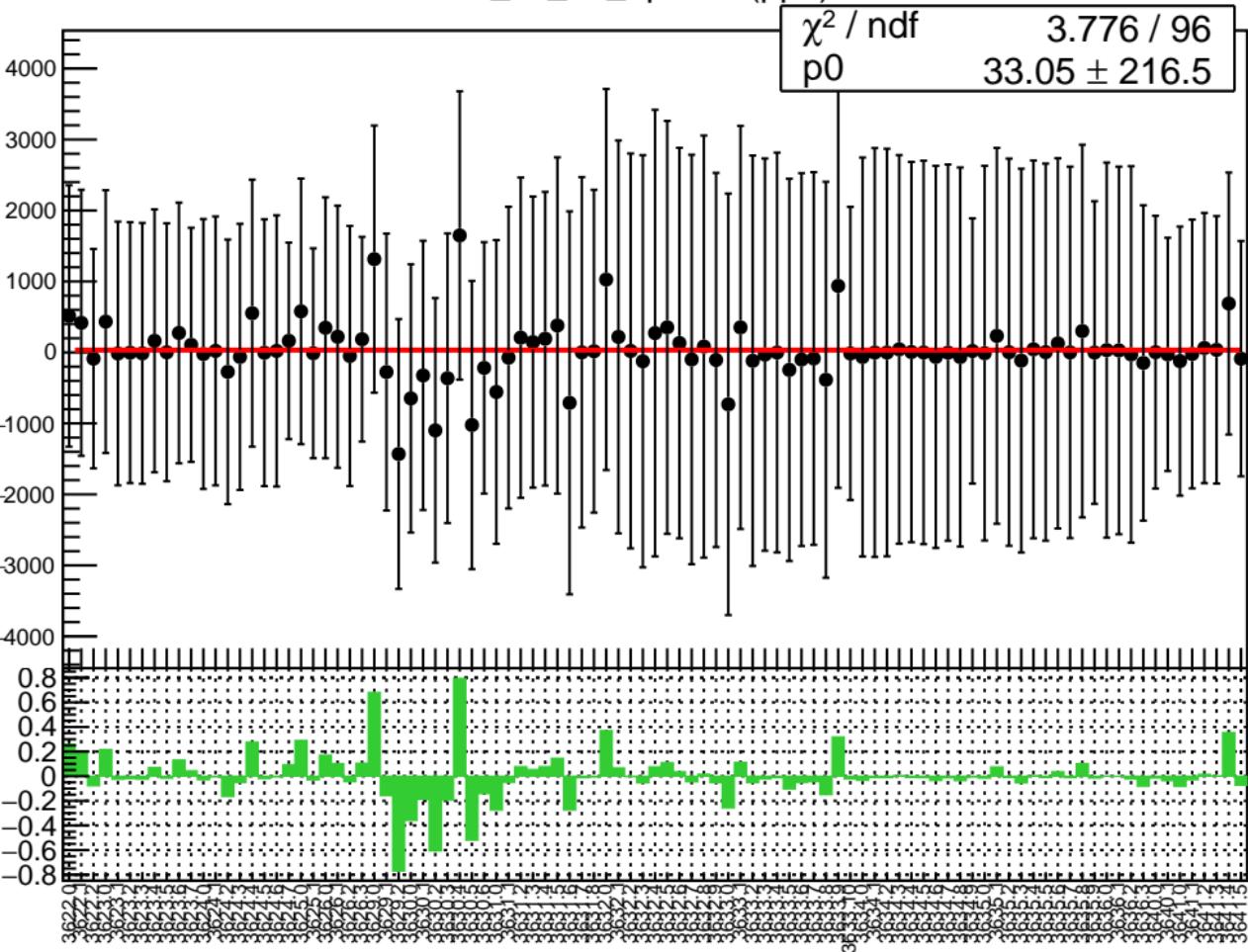
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RMS (ppm)

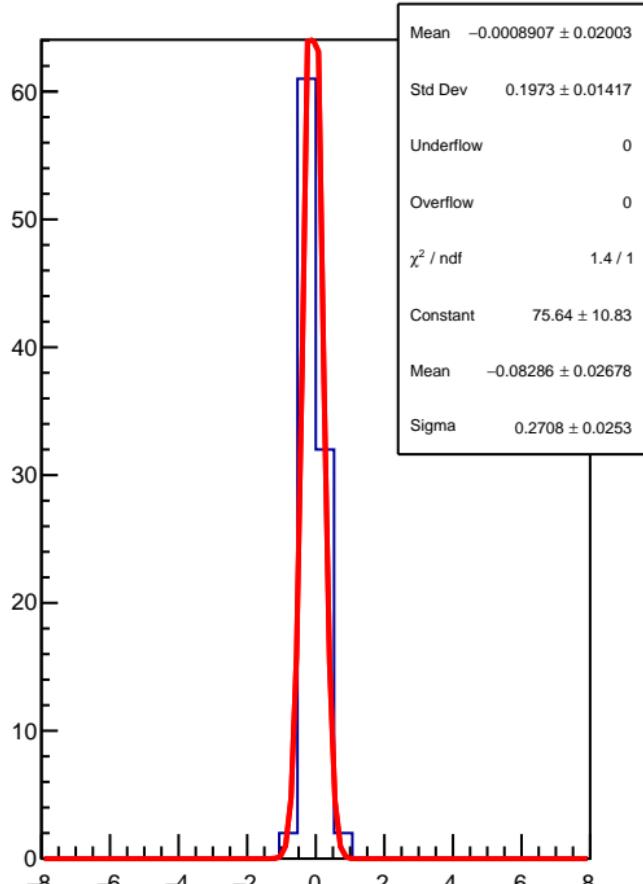


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corr_us_dd_bpm1X (ppb)

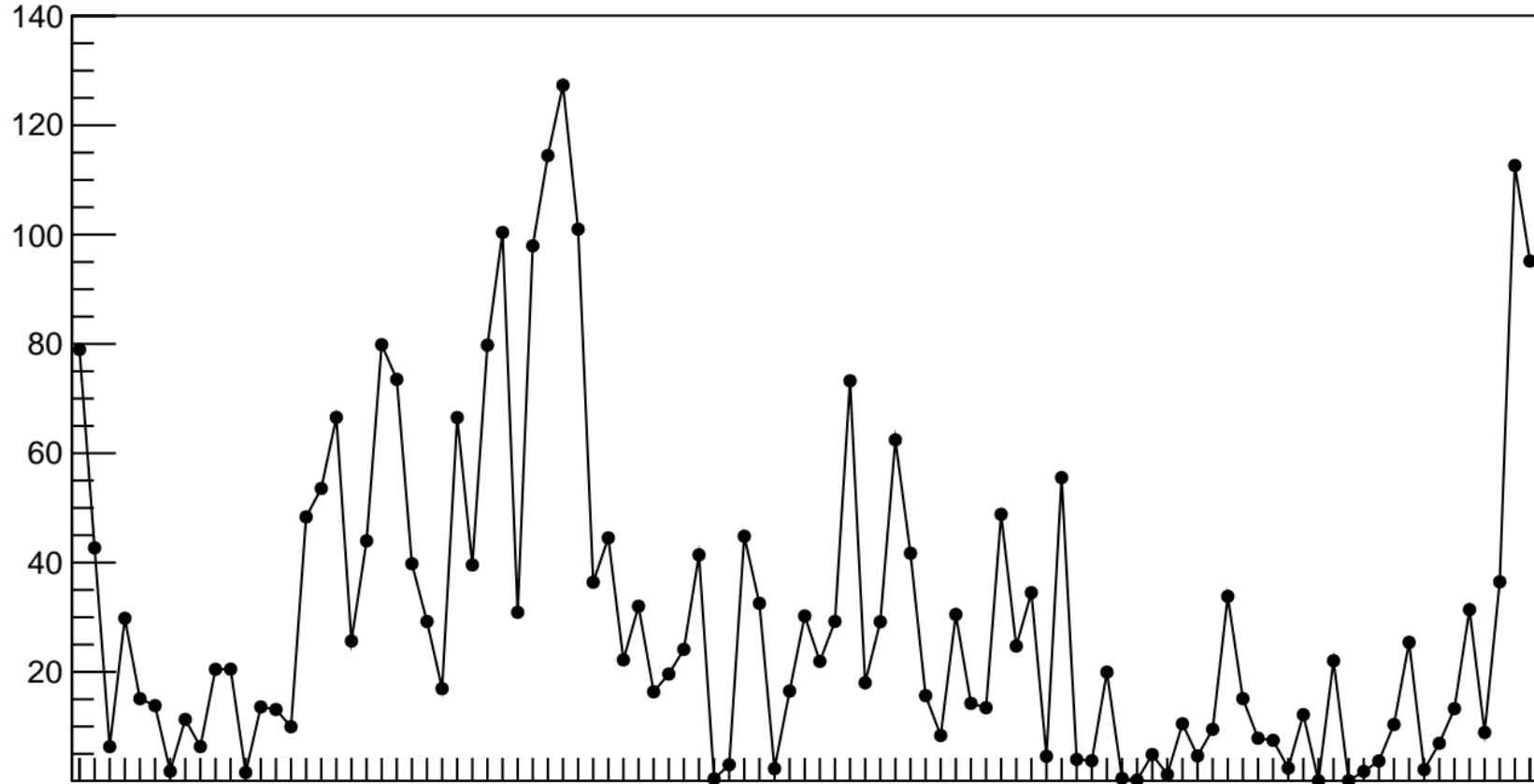


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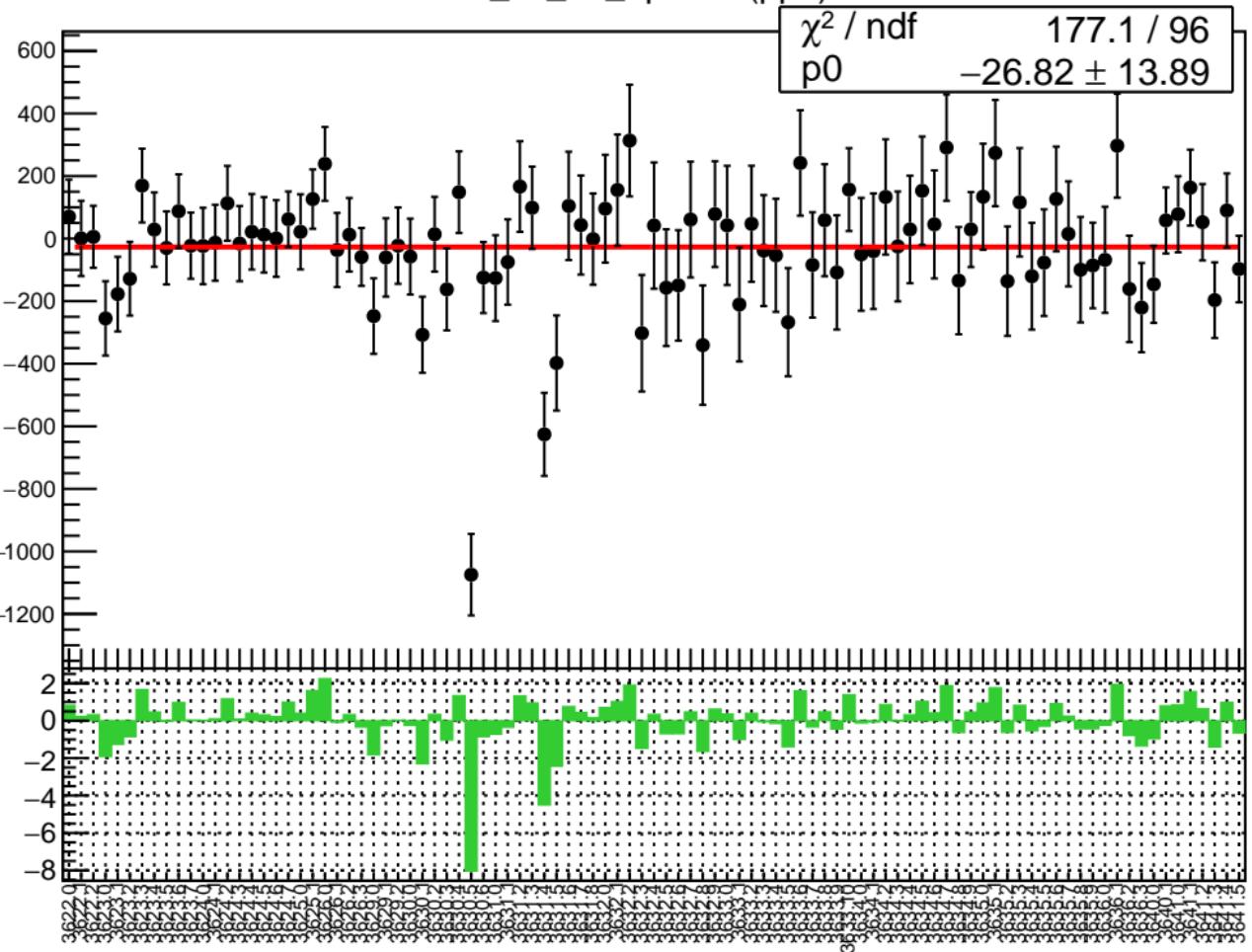
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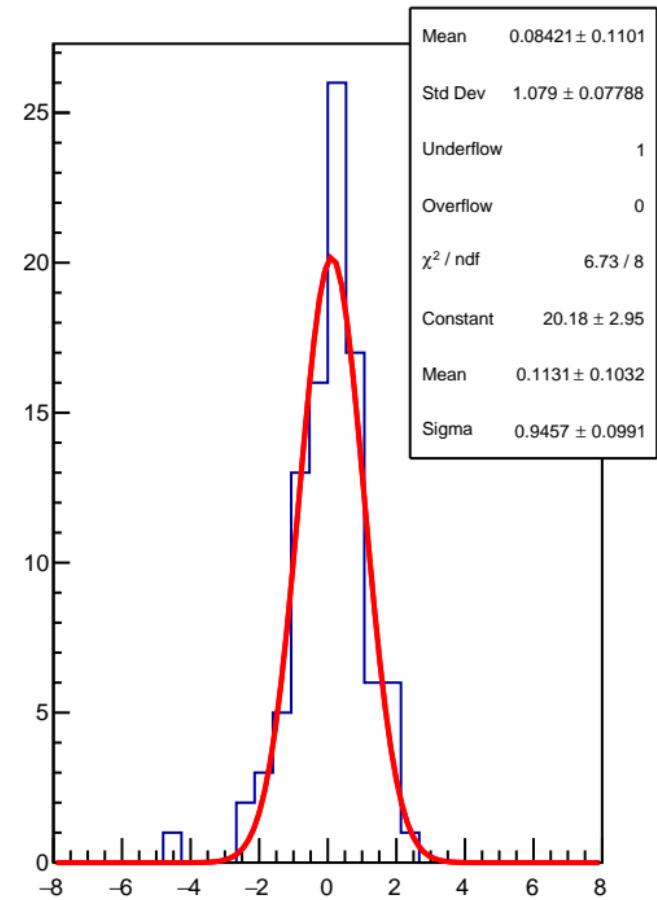


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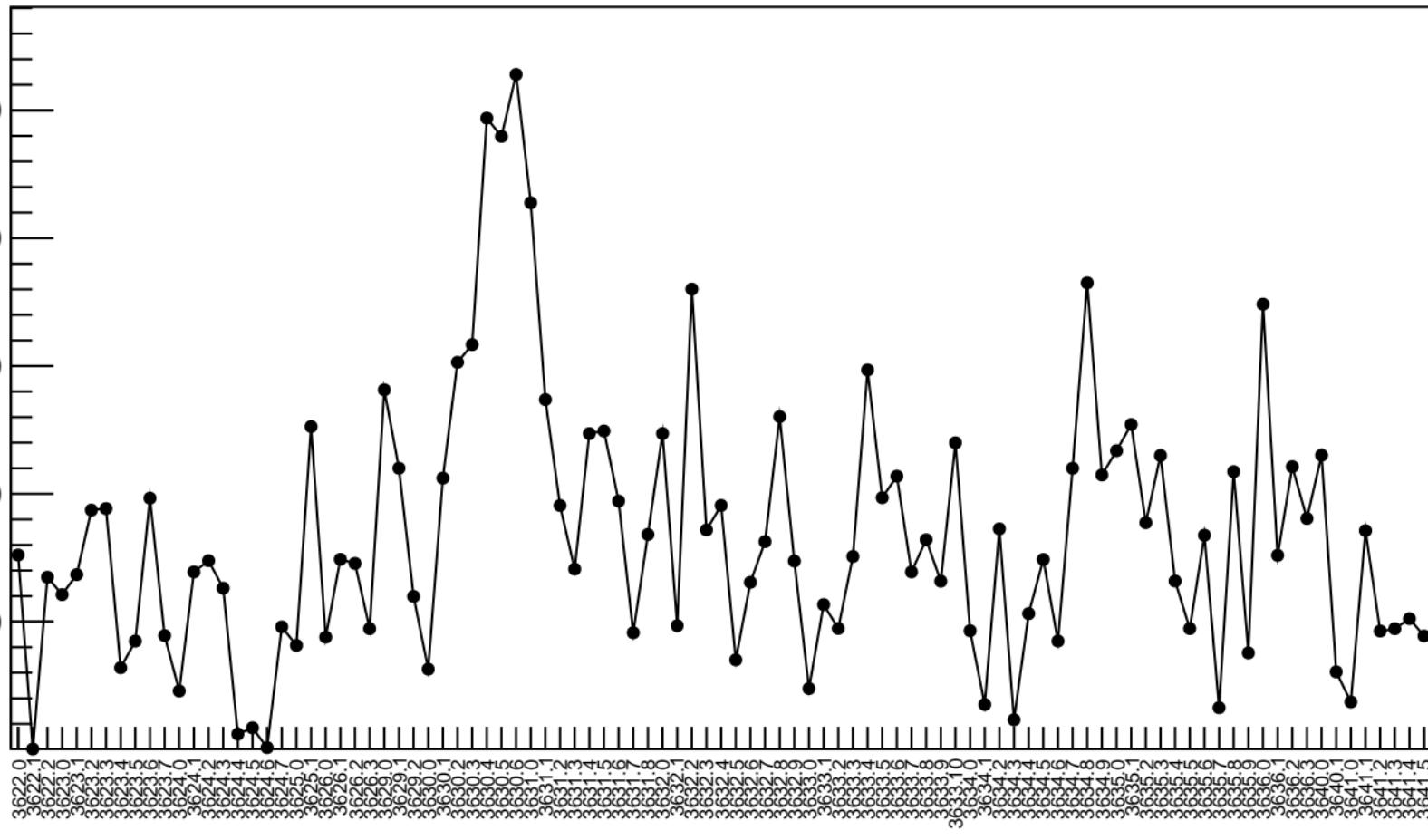


1D pull distribution



corr_us_dd_bpm1Y RMS (ppm)

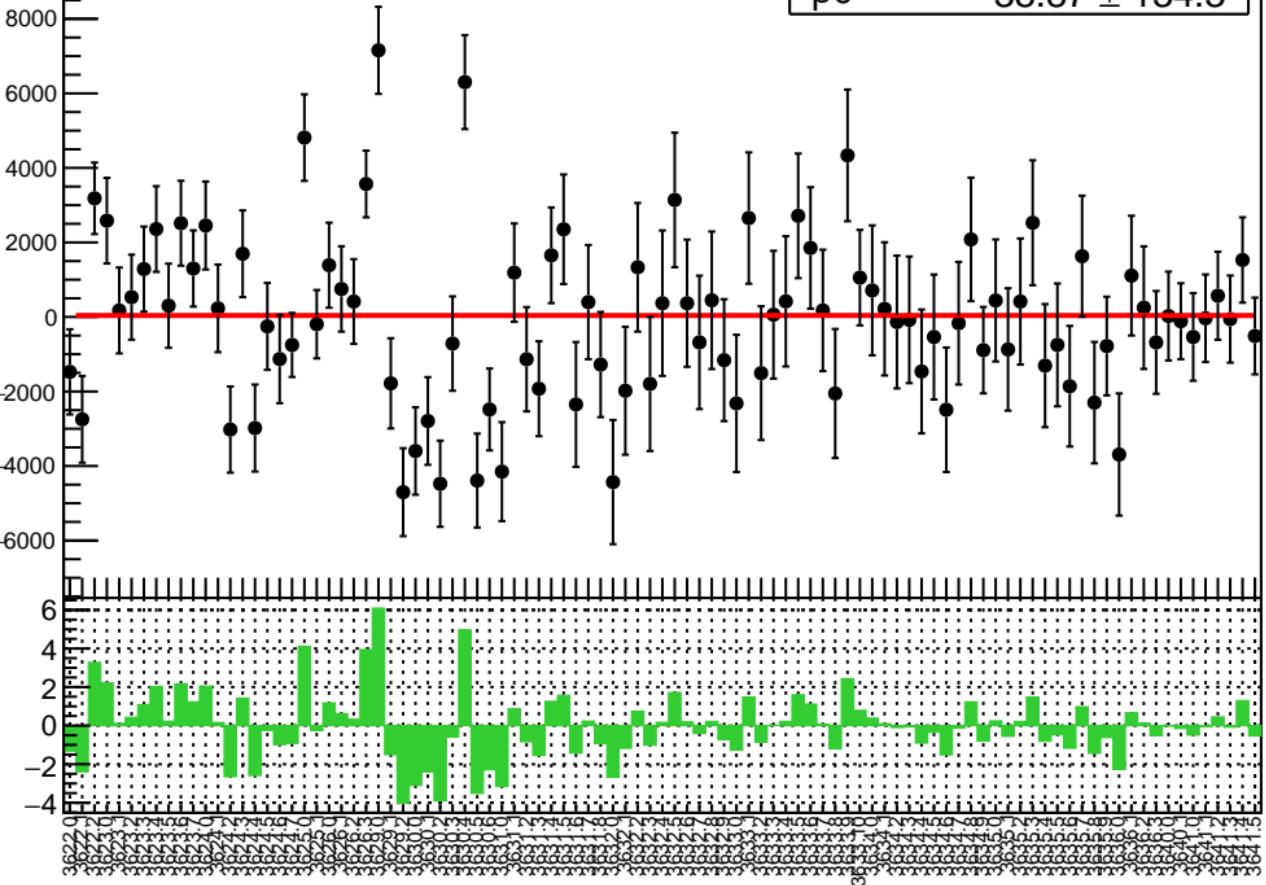
RMS (ppm)



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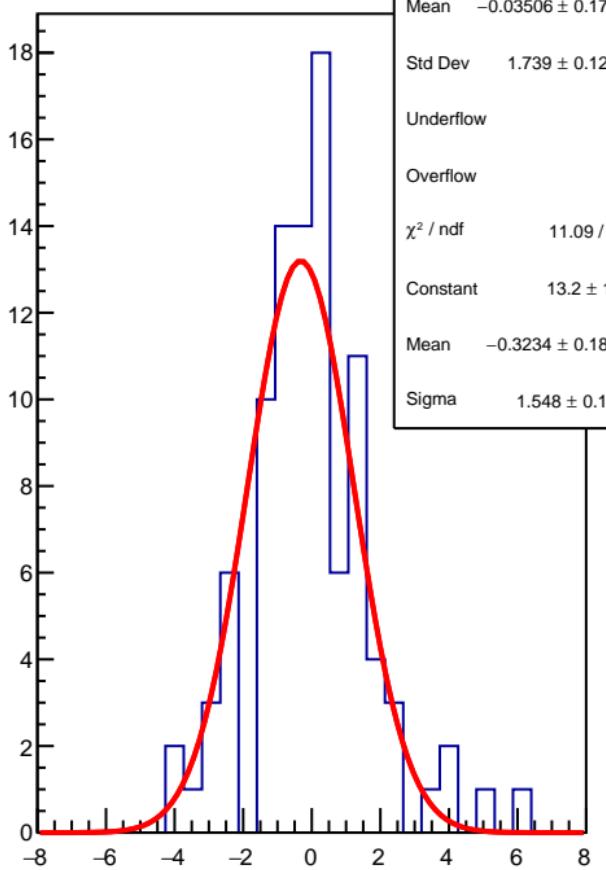
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χ^2 / ndf 293.5 / 96
p0 38.87 ± 134.3

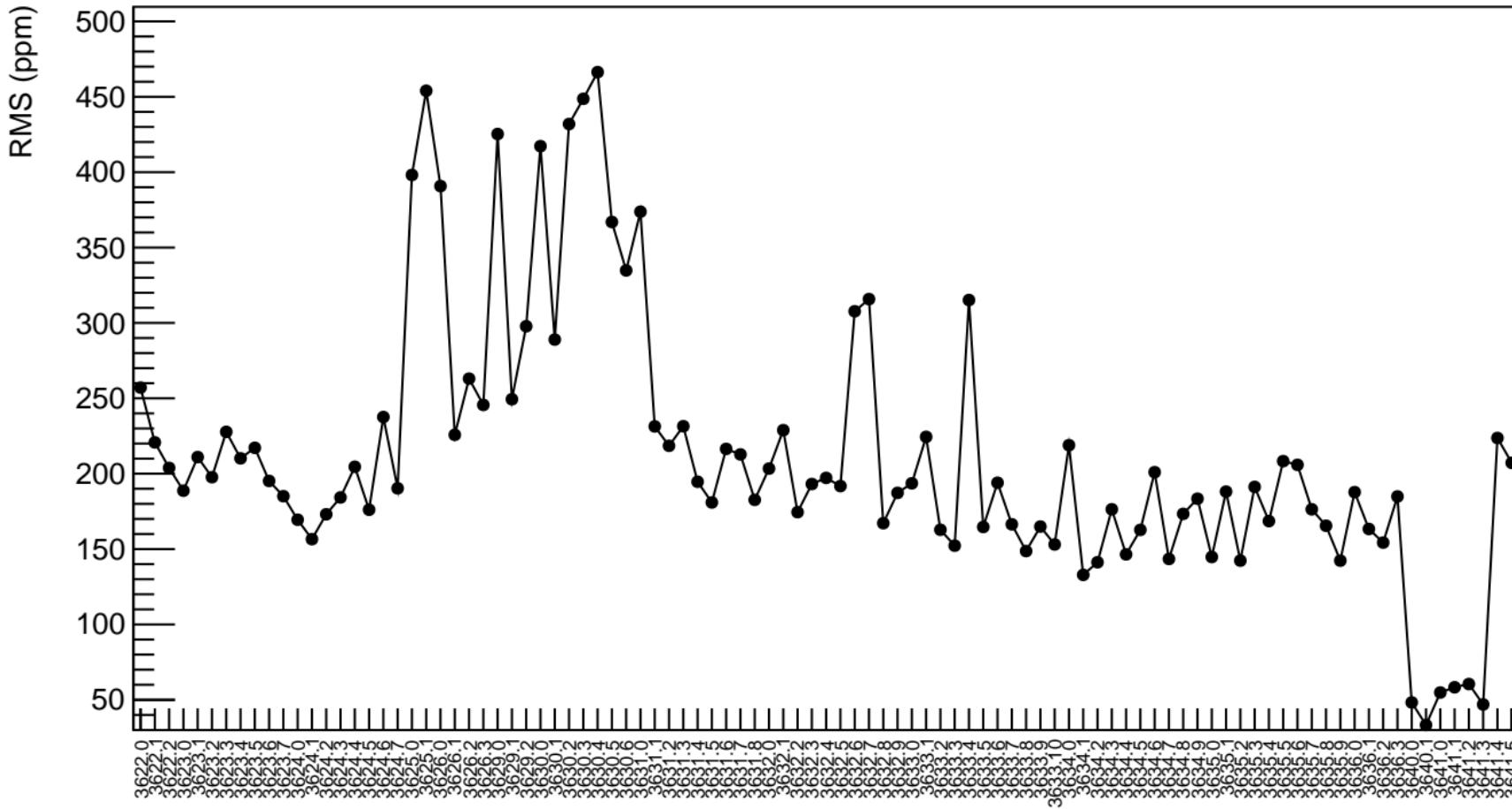


1D pull distribution

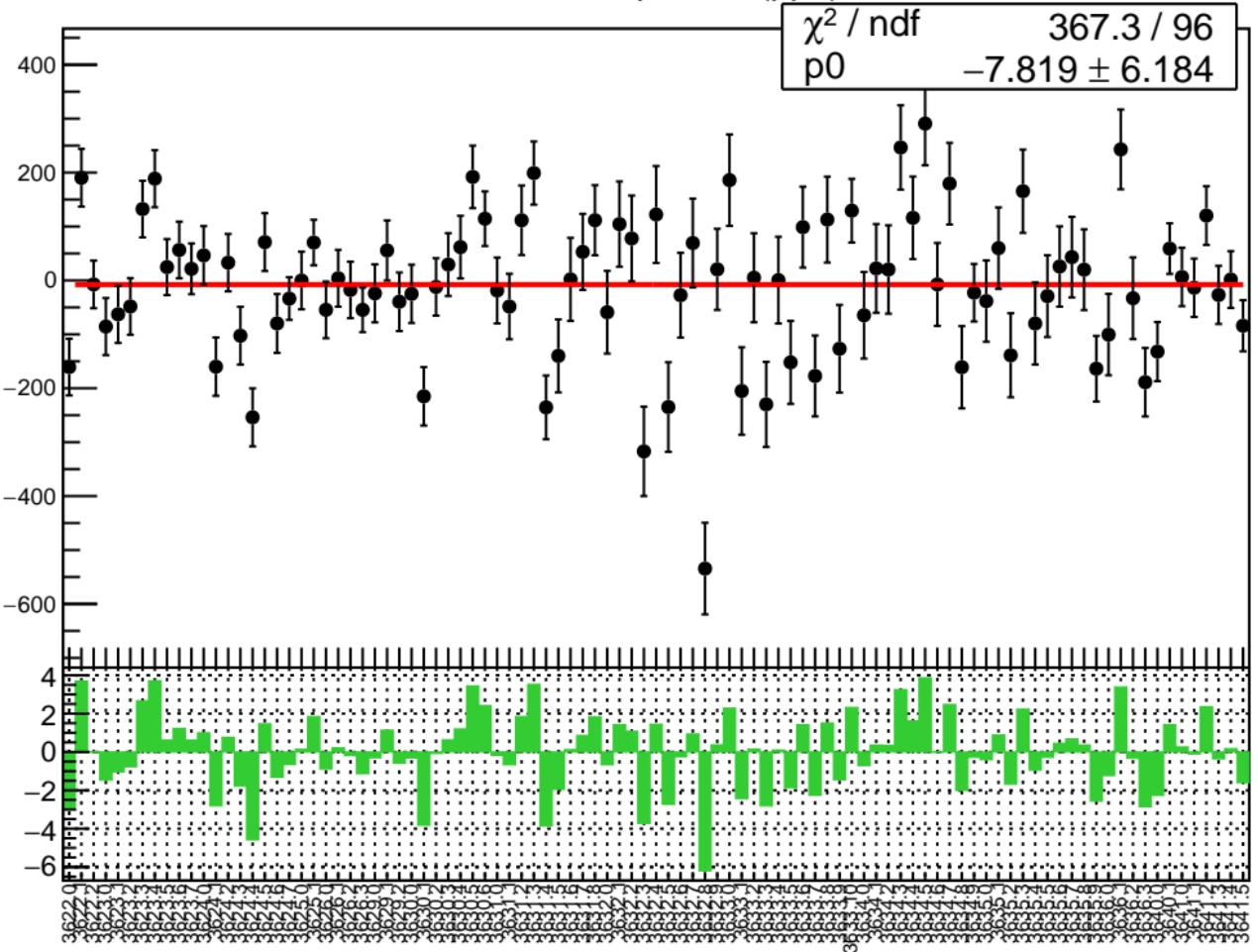
Mean -0.03506 ± 0.1766
Std Dev 1.739 ± 0.1249
Underflow 0
Overflow 0
 χ^2 / ndf 11.09 / 13
Constant 13.2 ± 1.9
Mean -0.3234 ± 0.1858
Sigma 1.548 ± 0.170



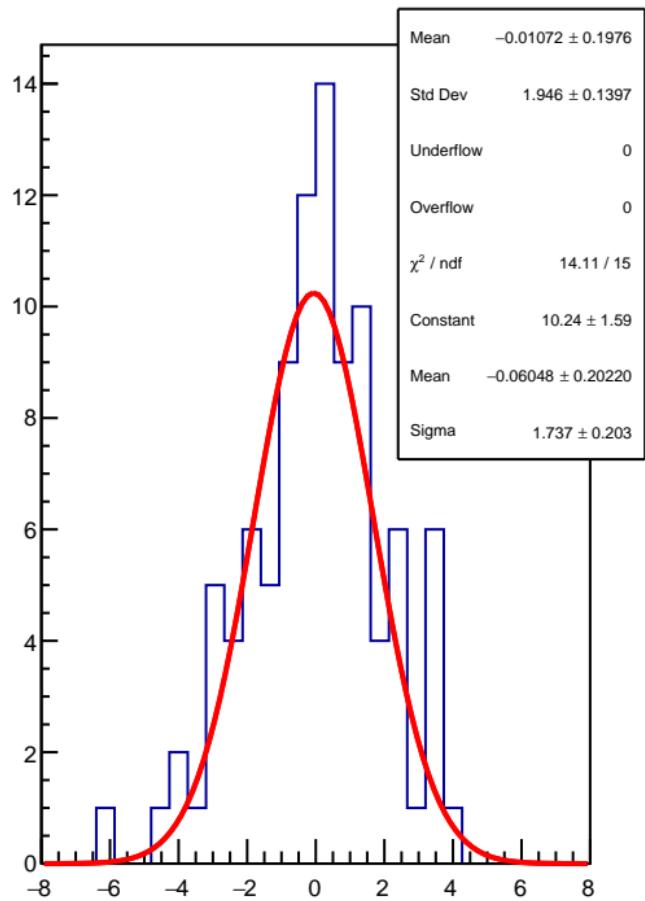
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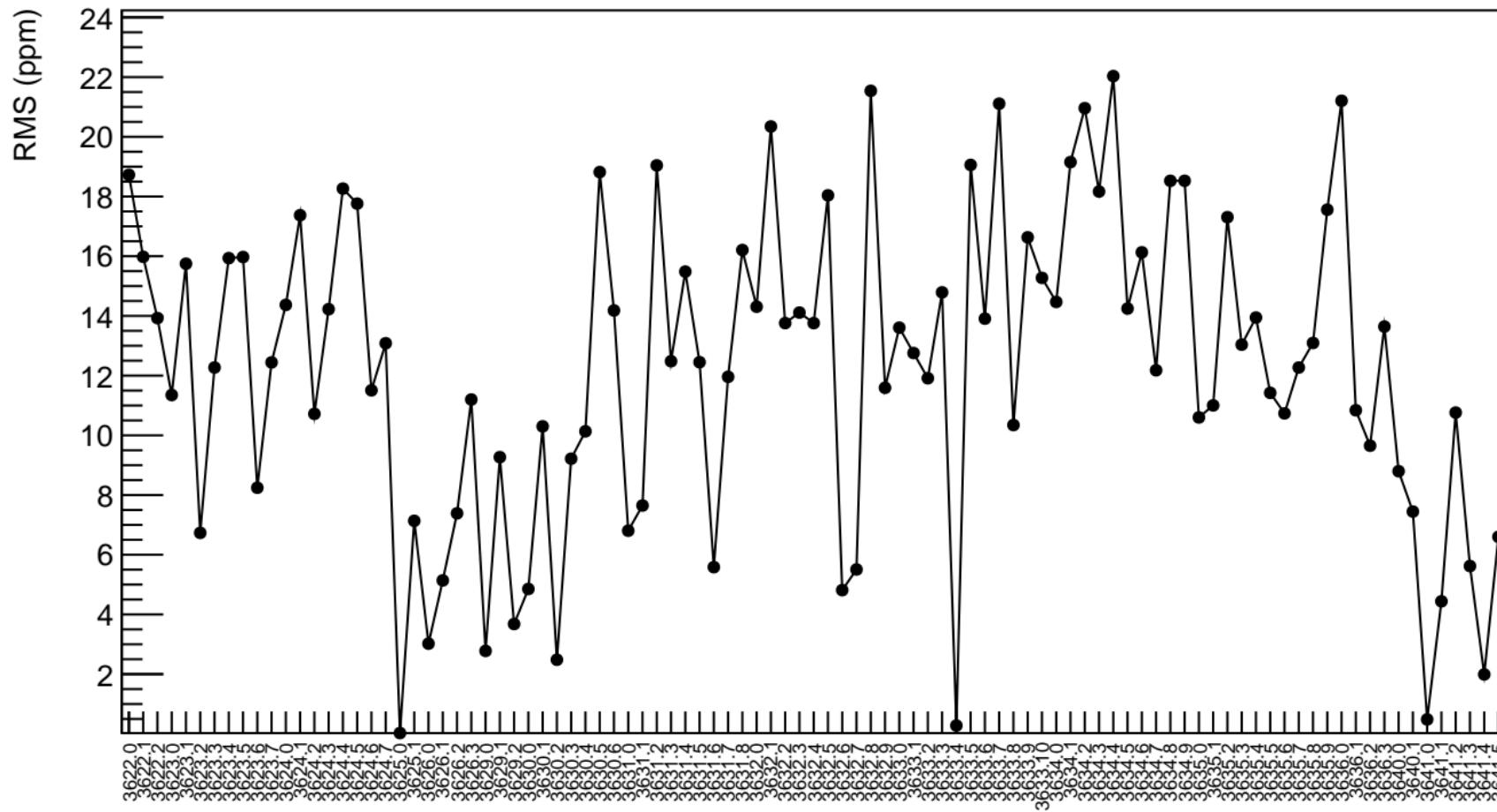
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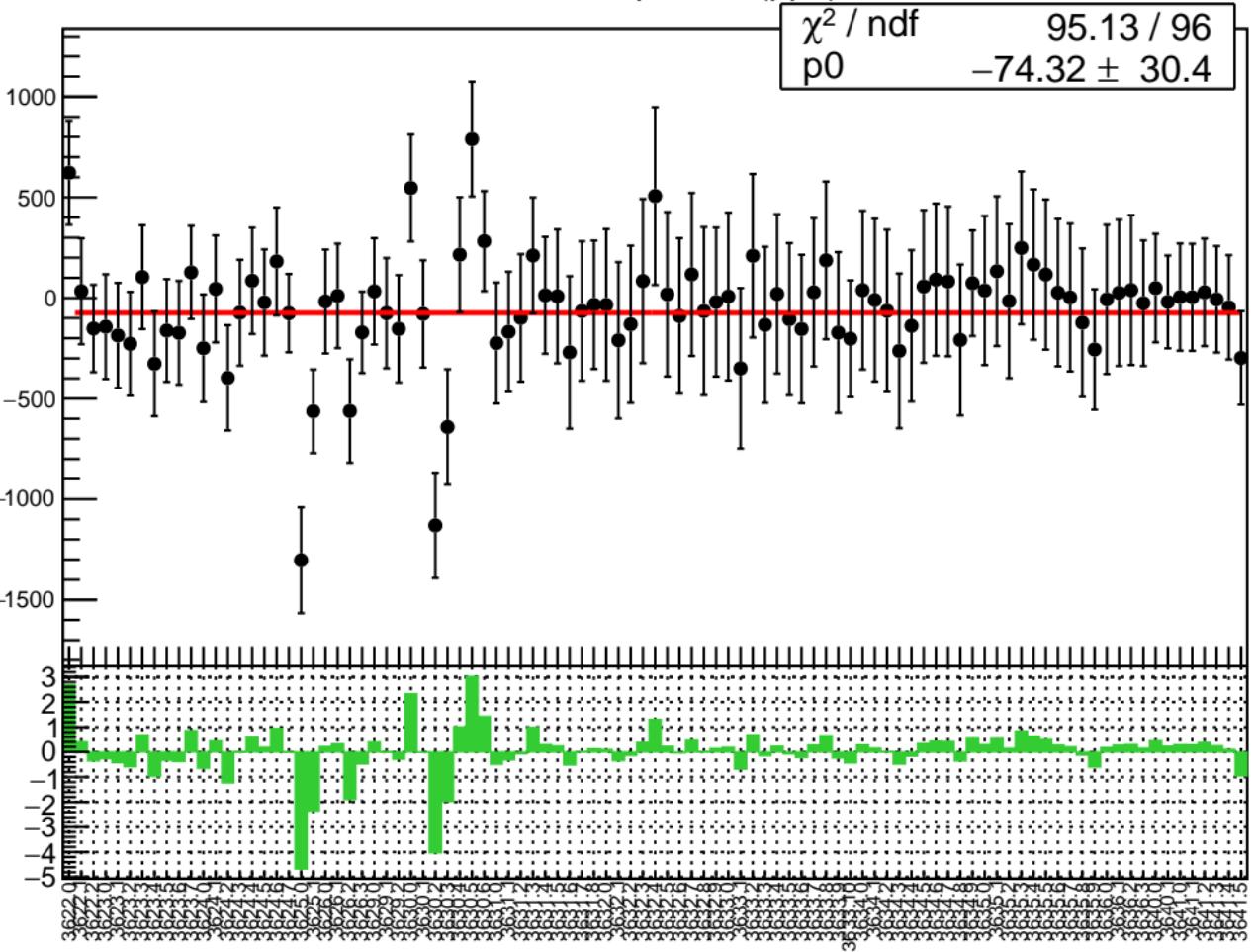
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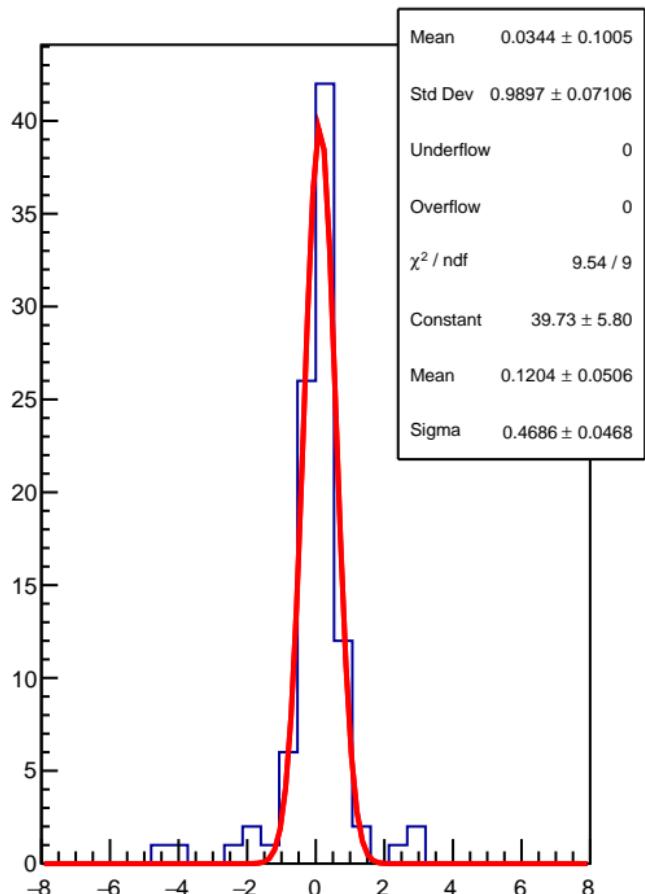
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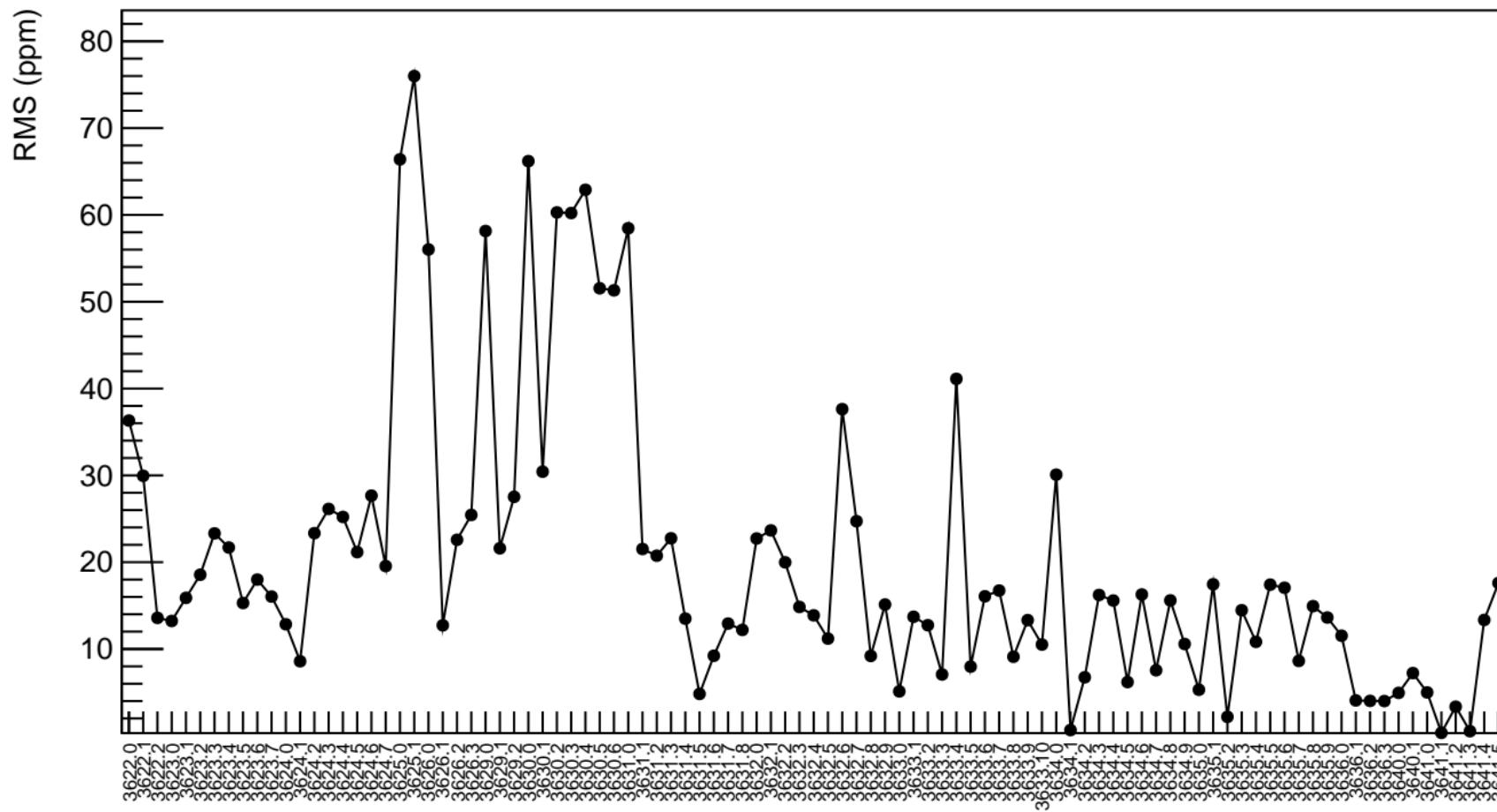
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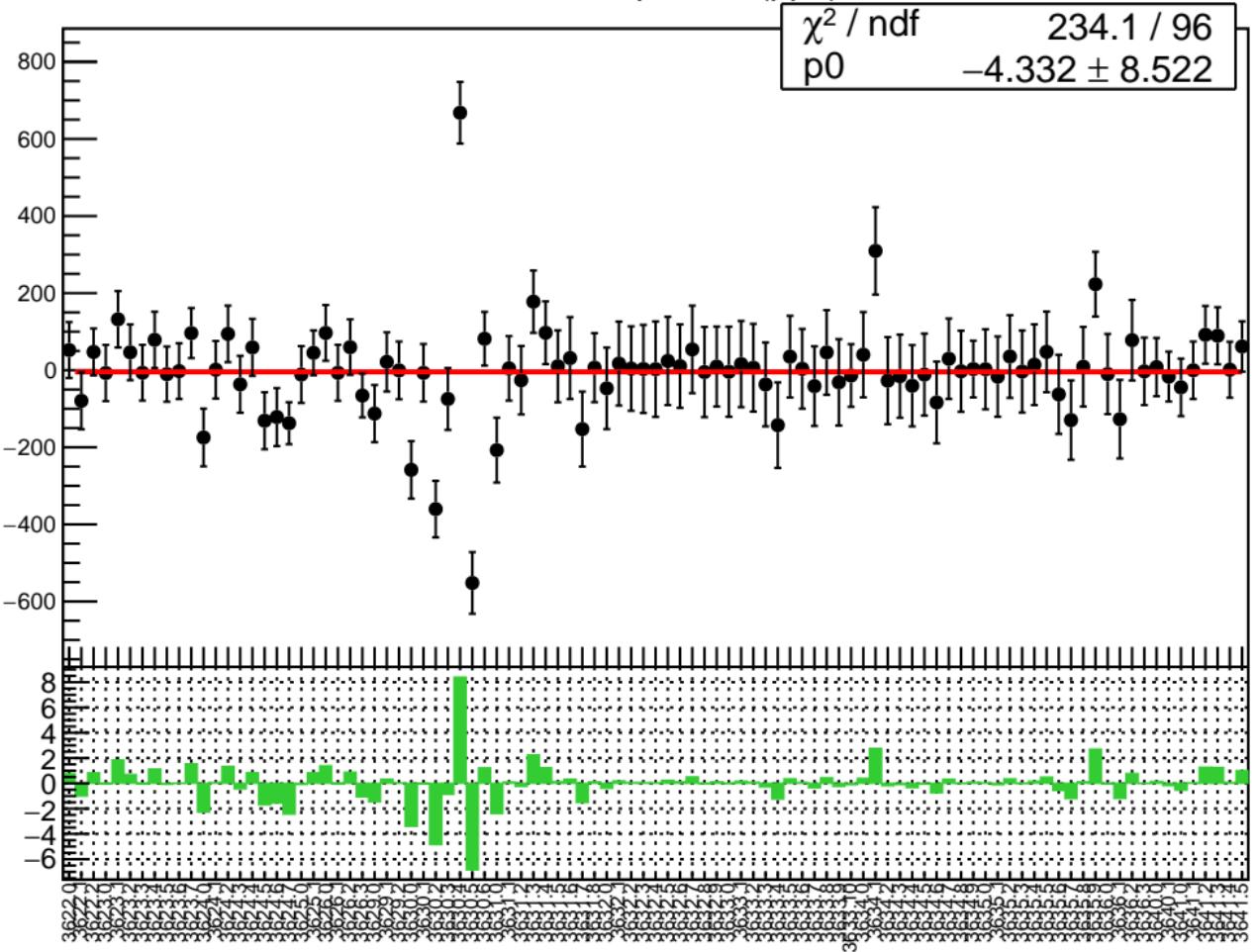
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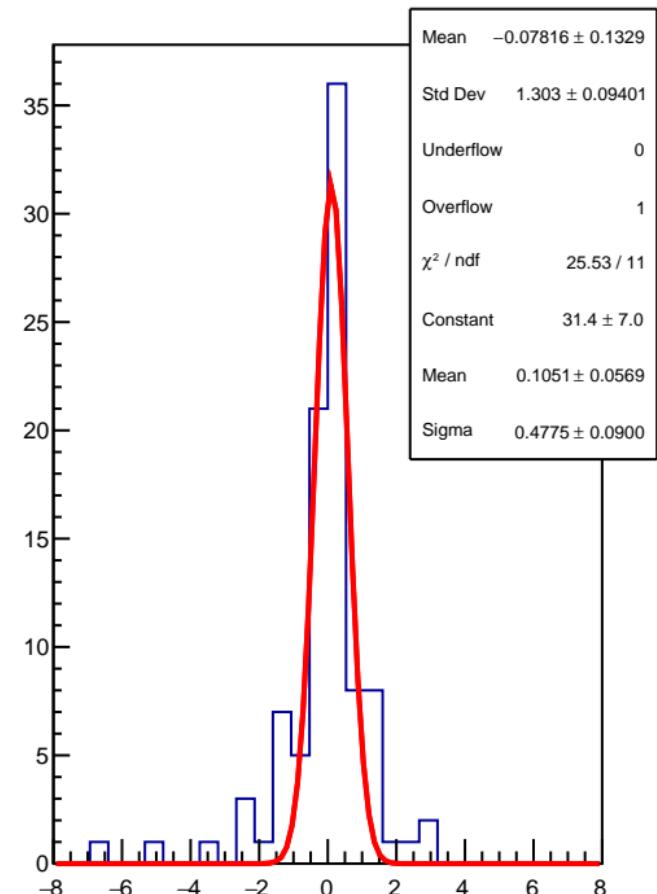
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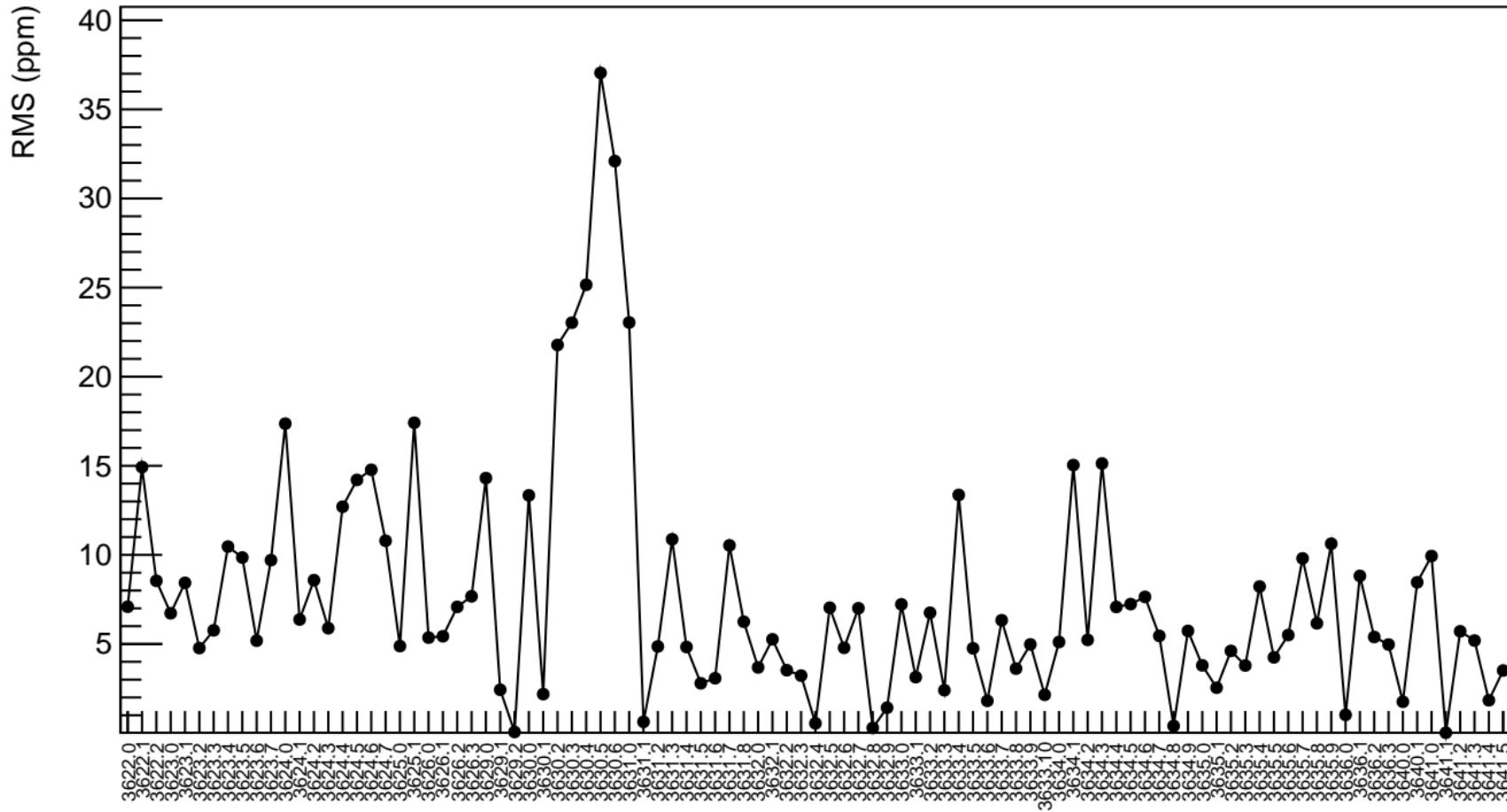
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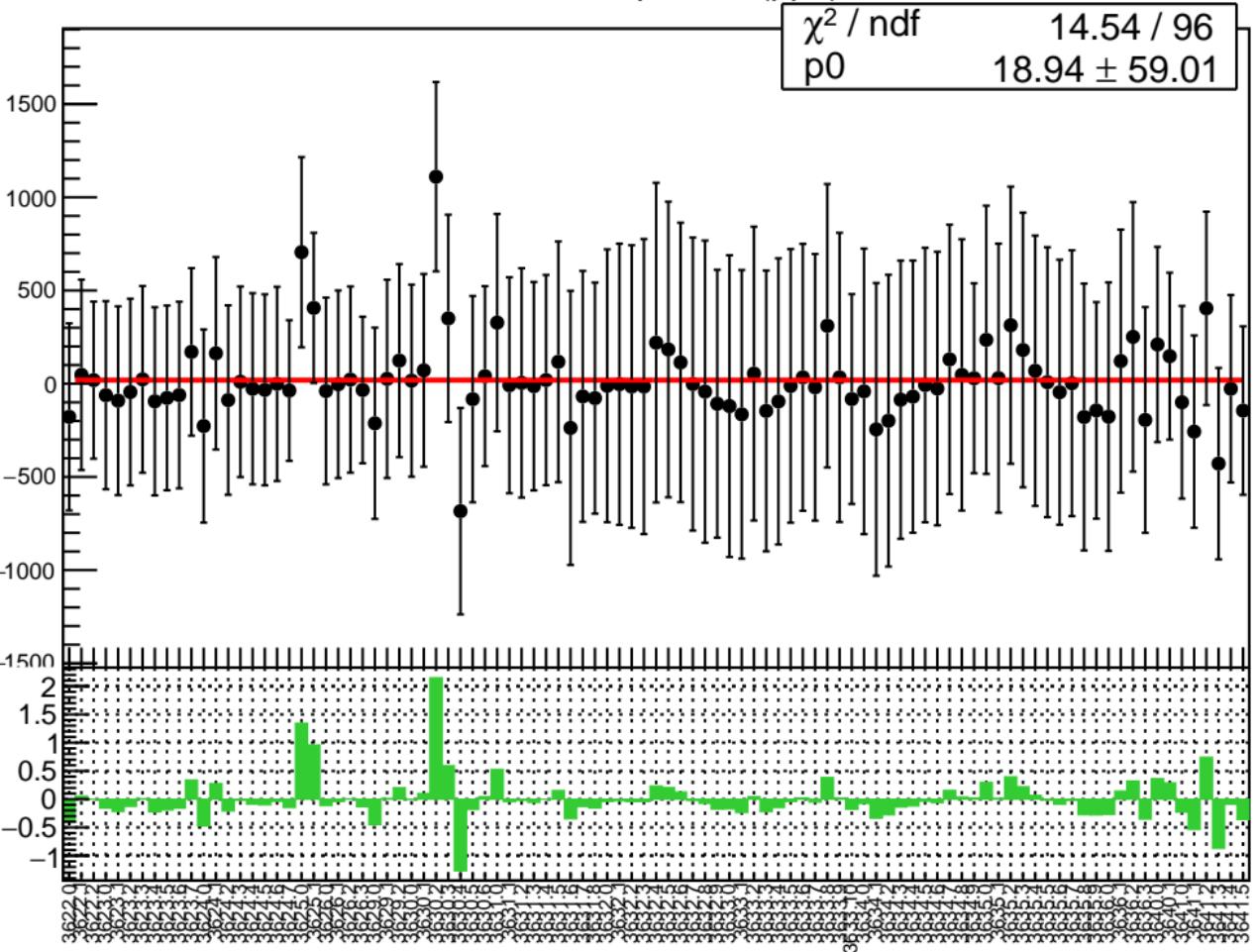
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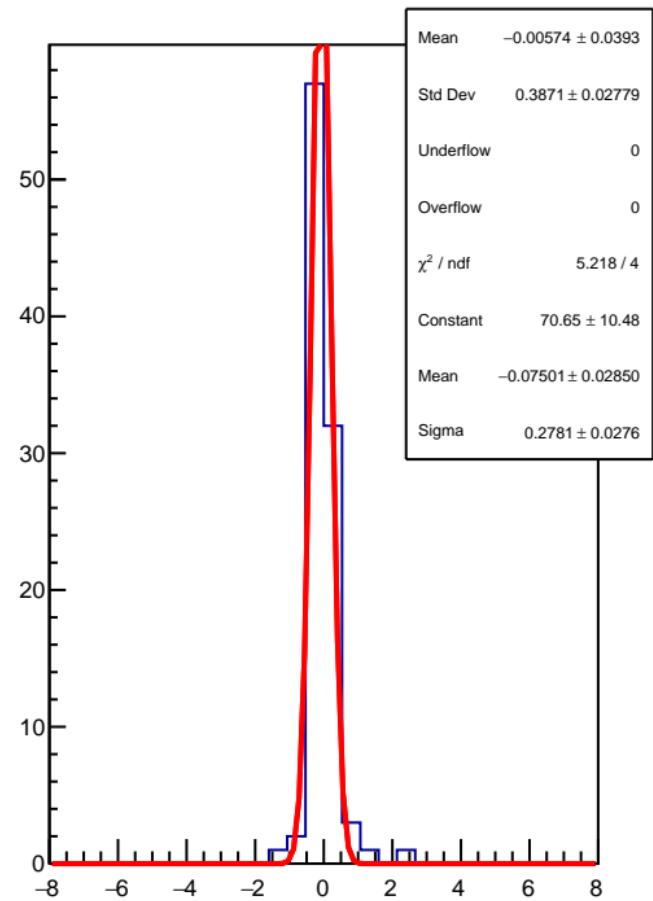
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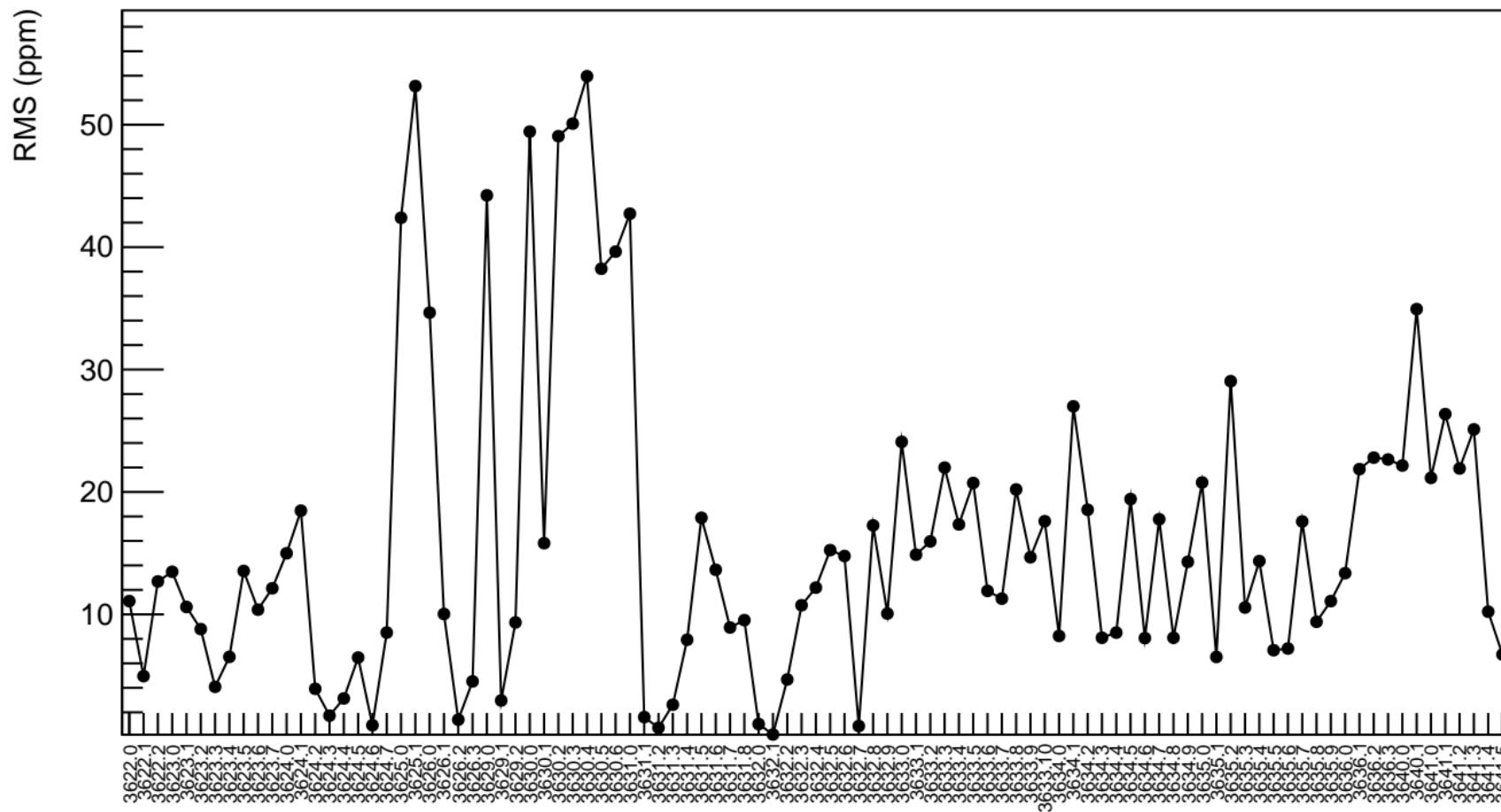
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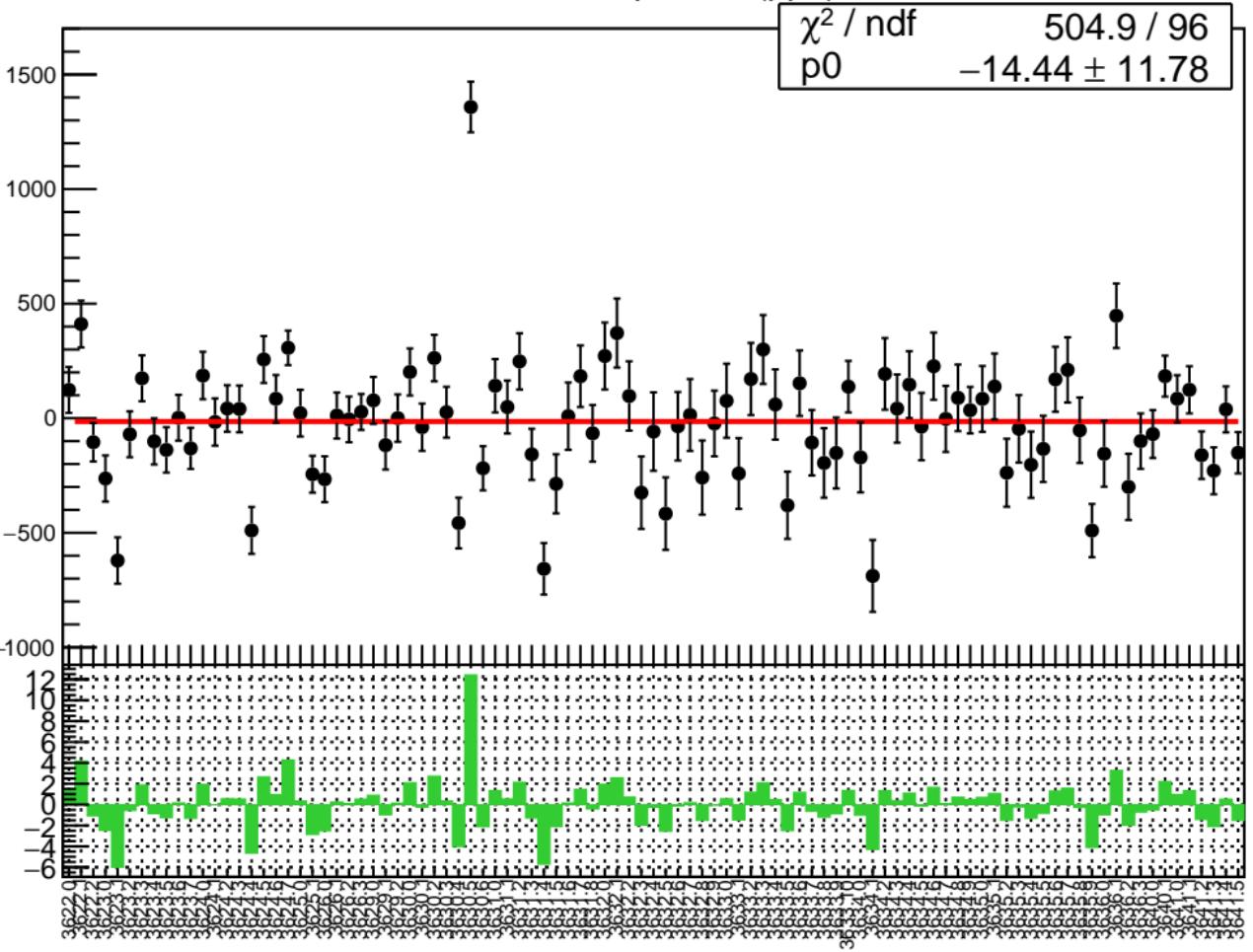
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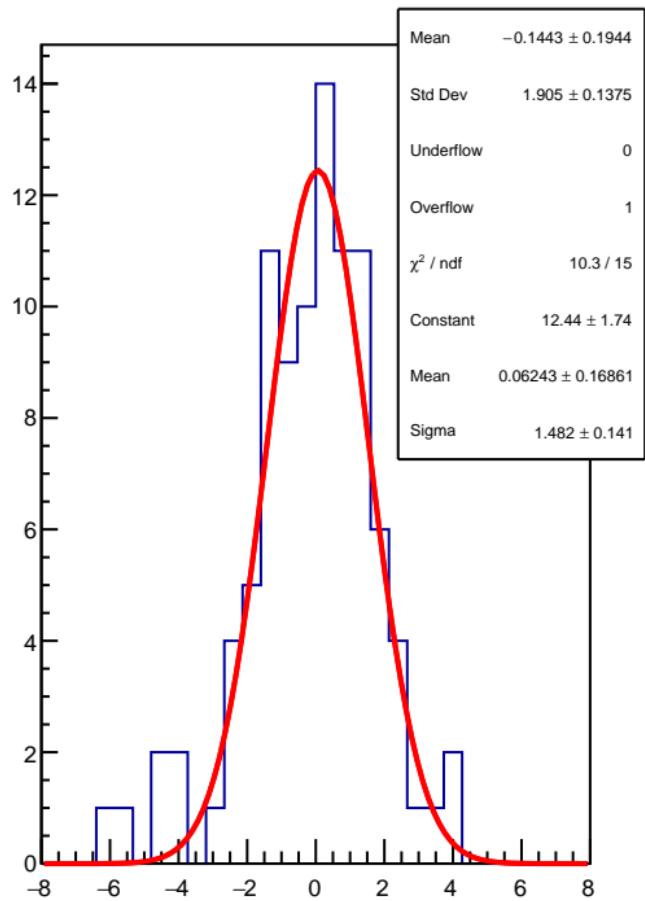
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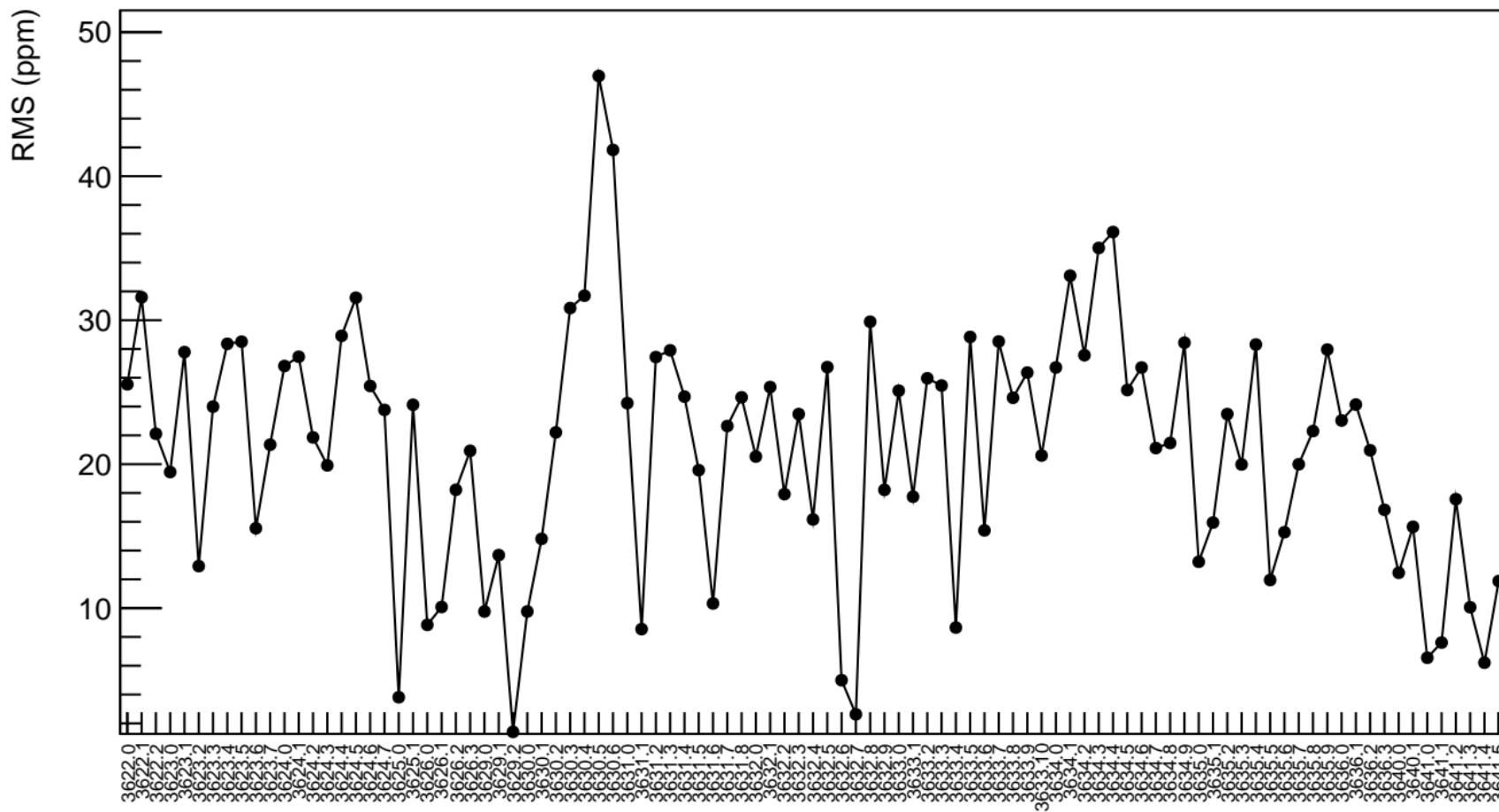
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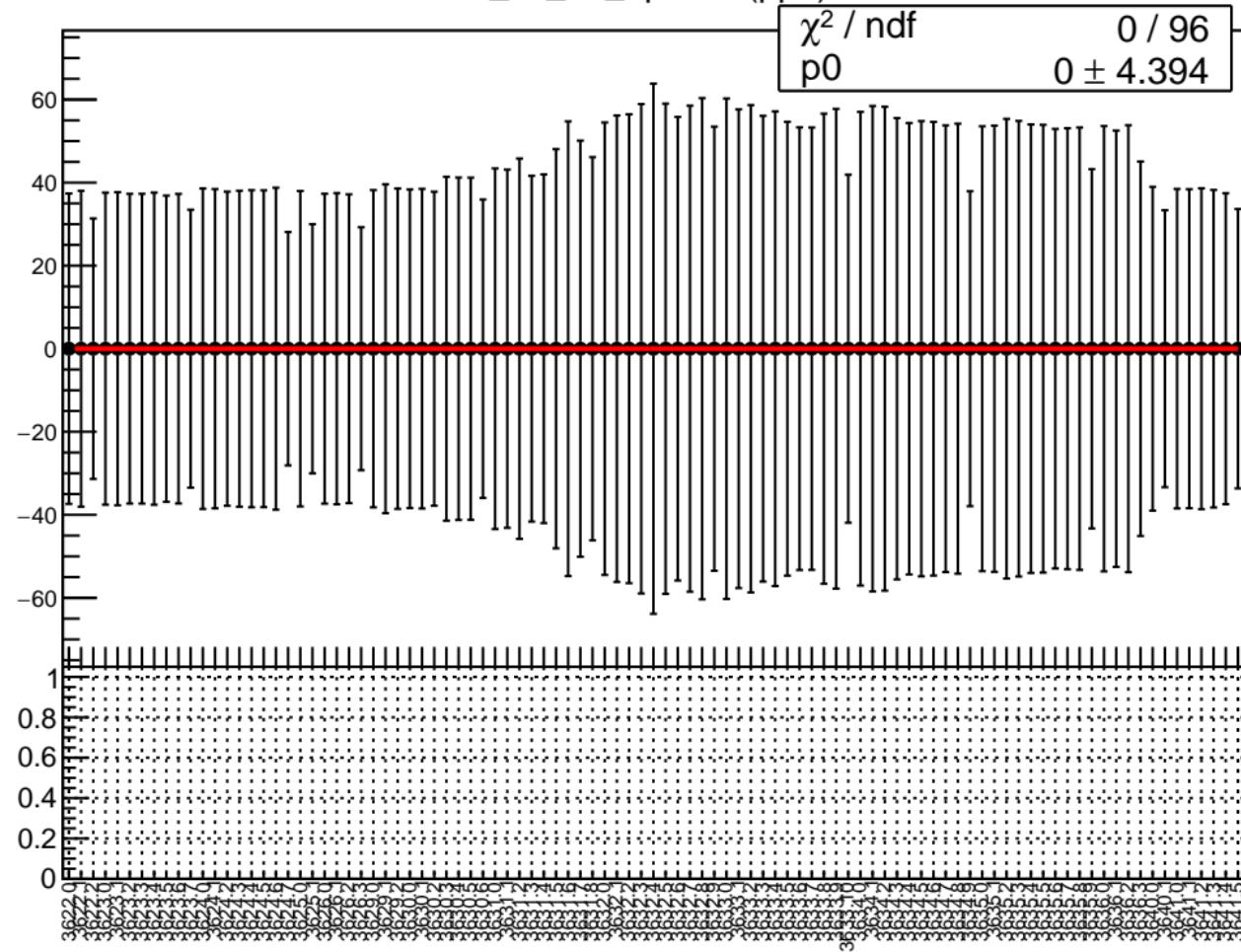
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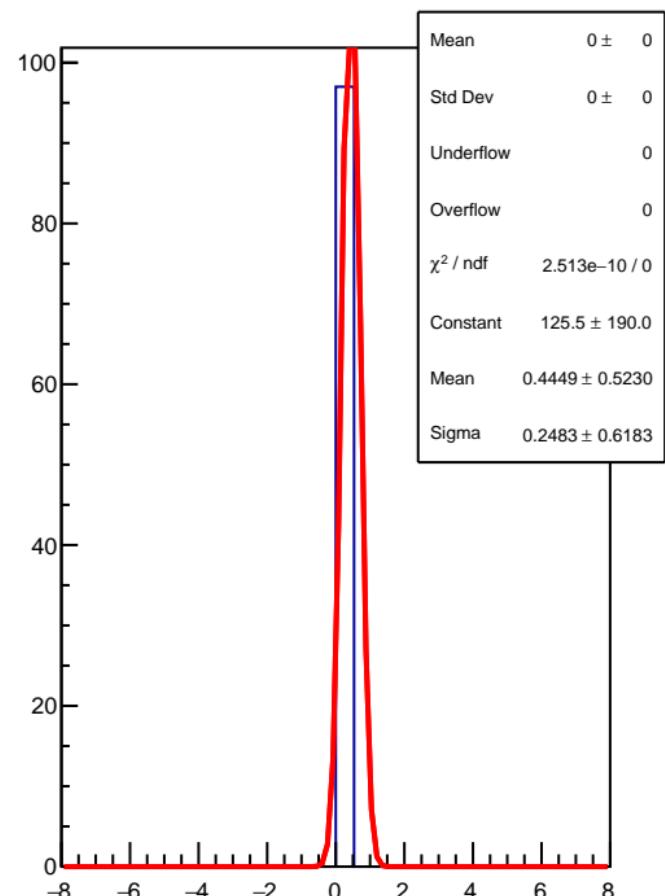
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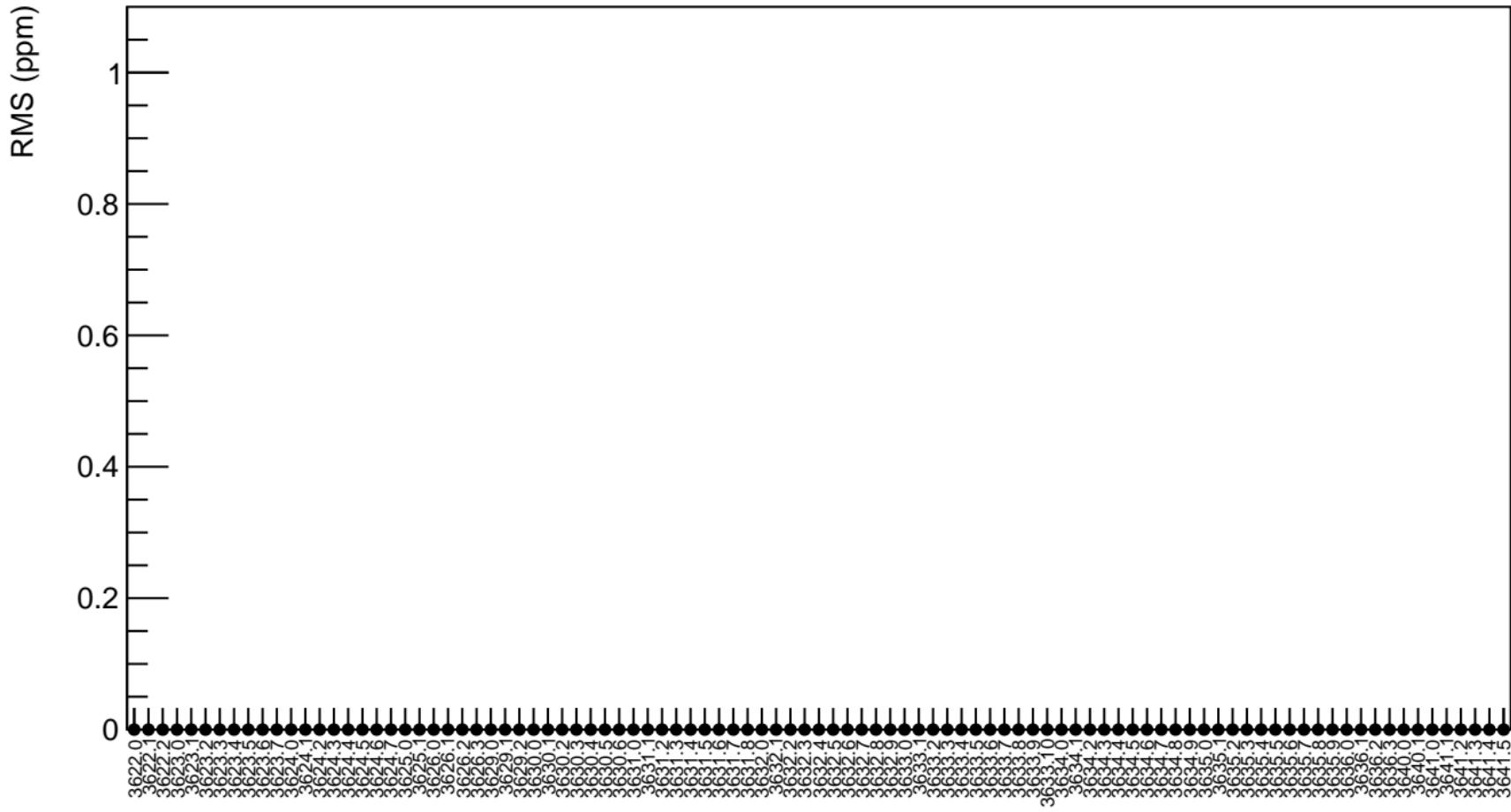
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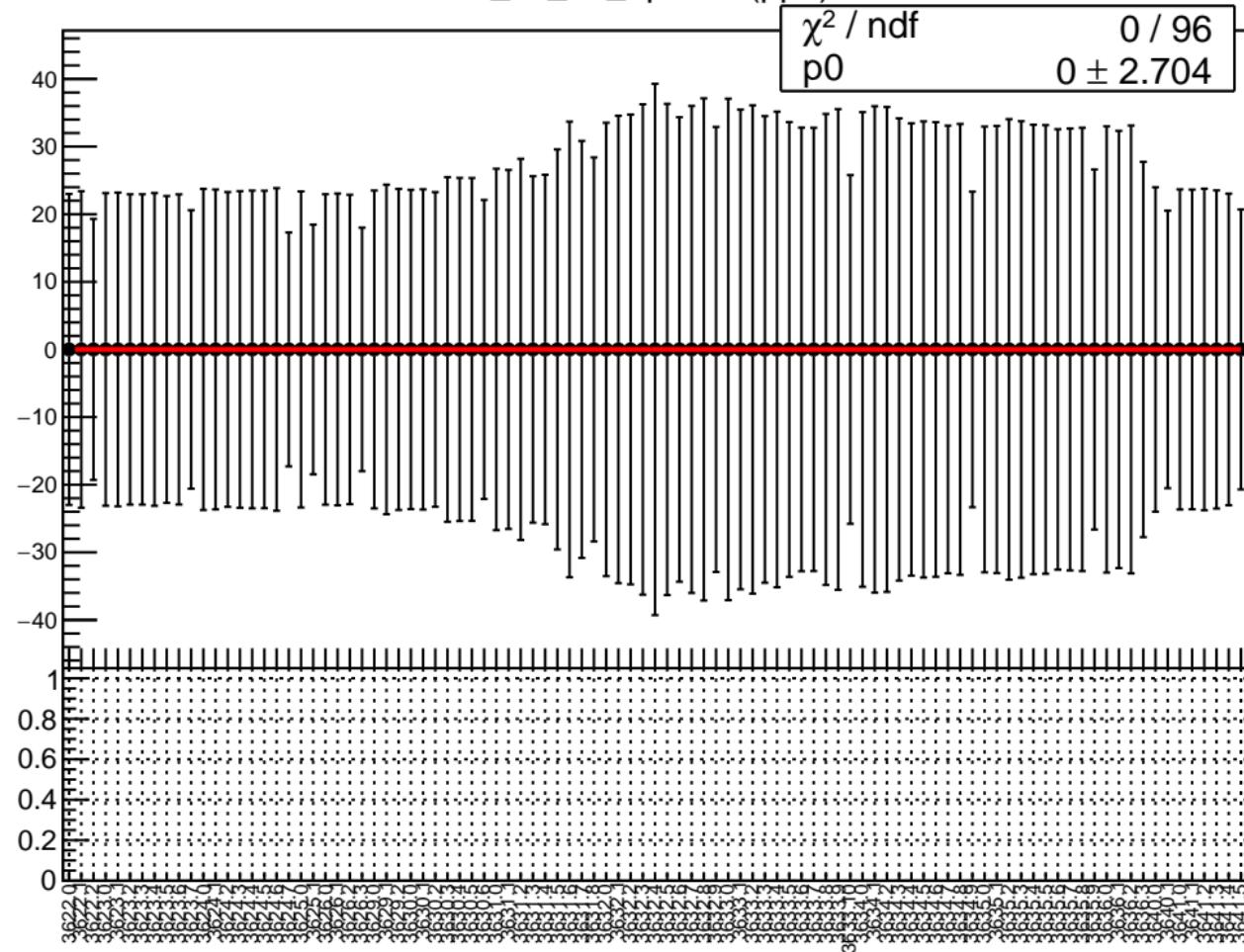
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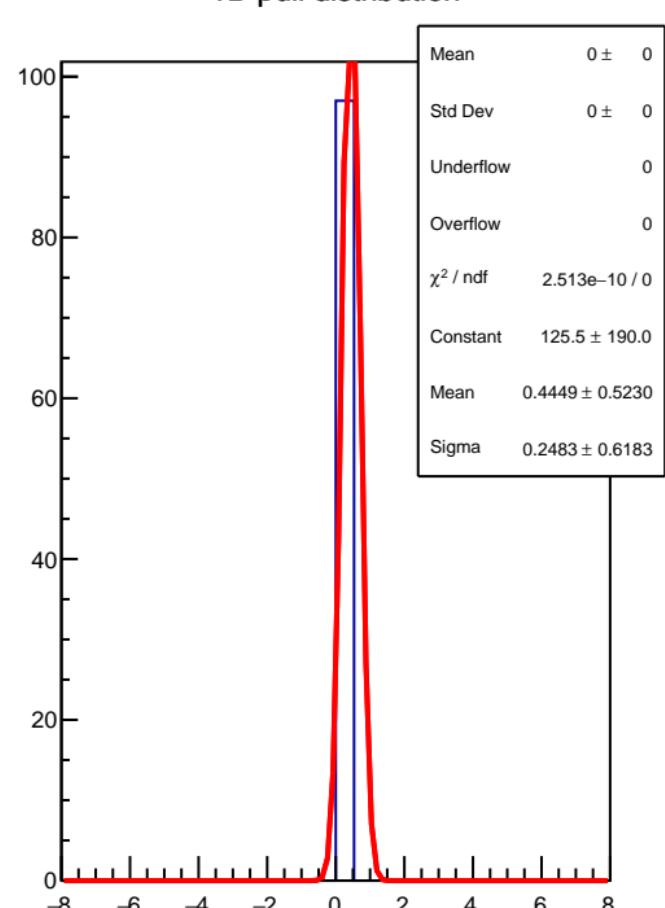
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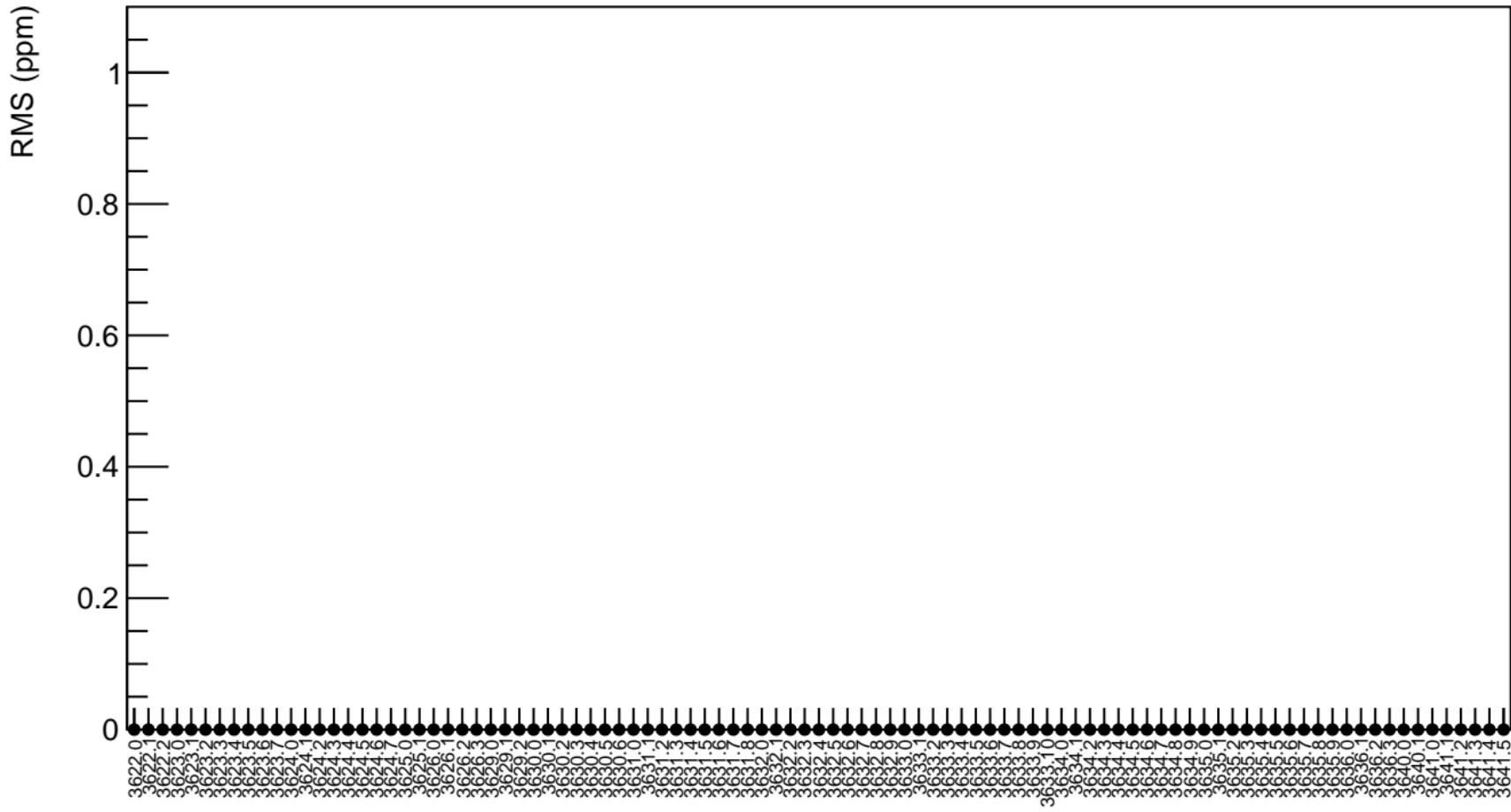
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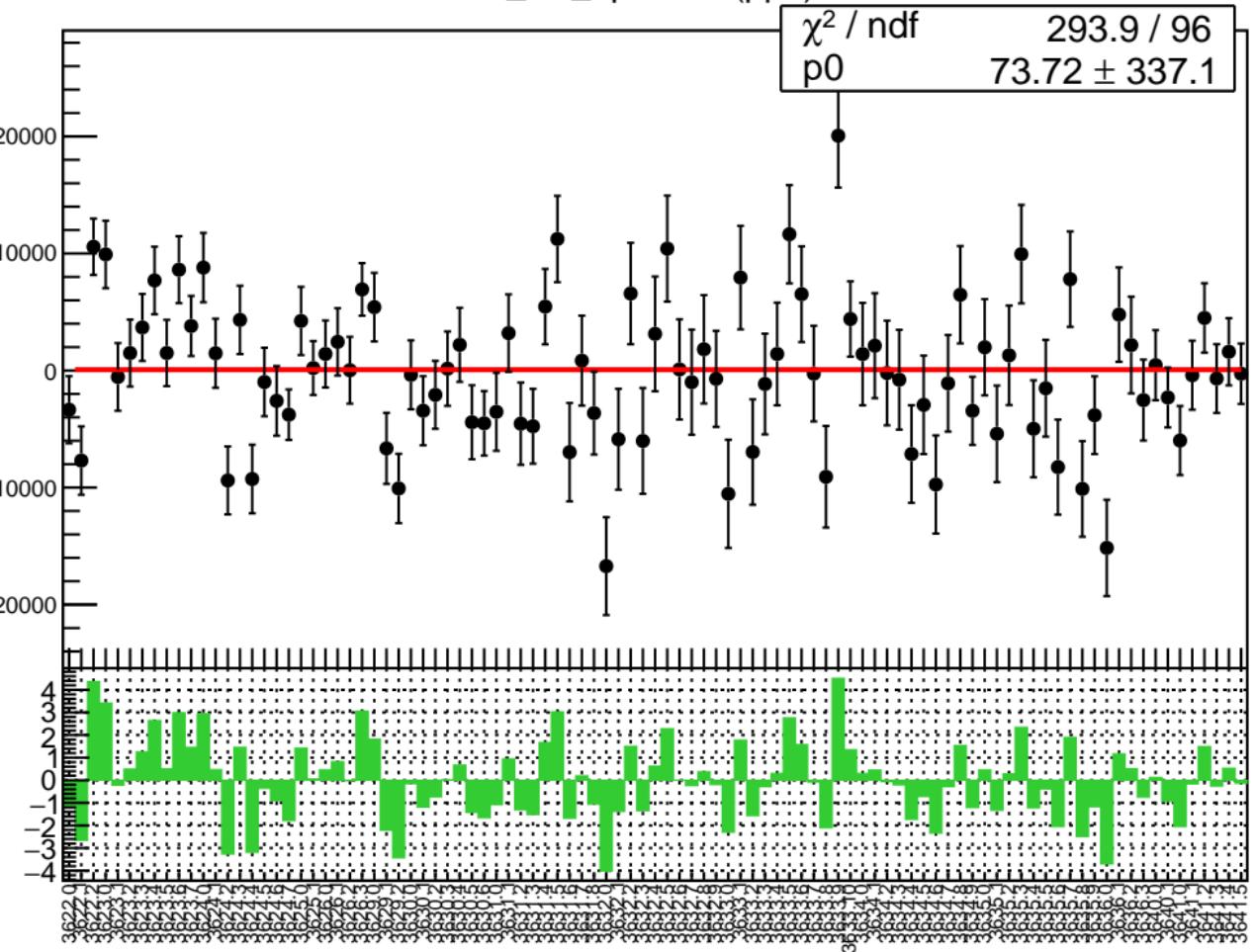
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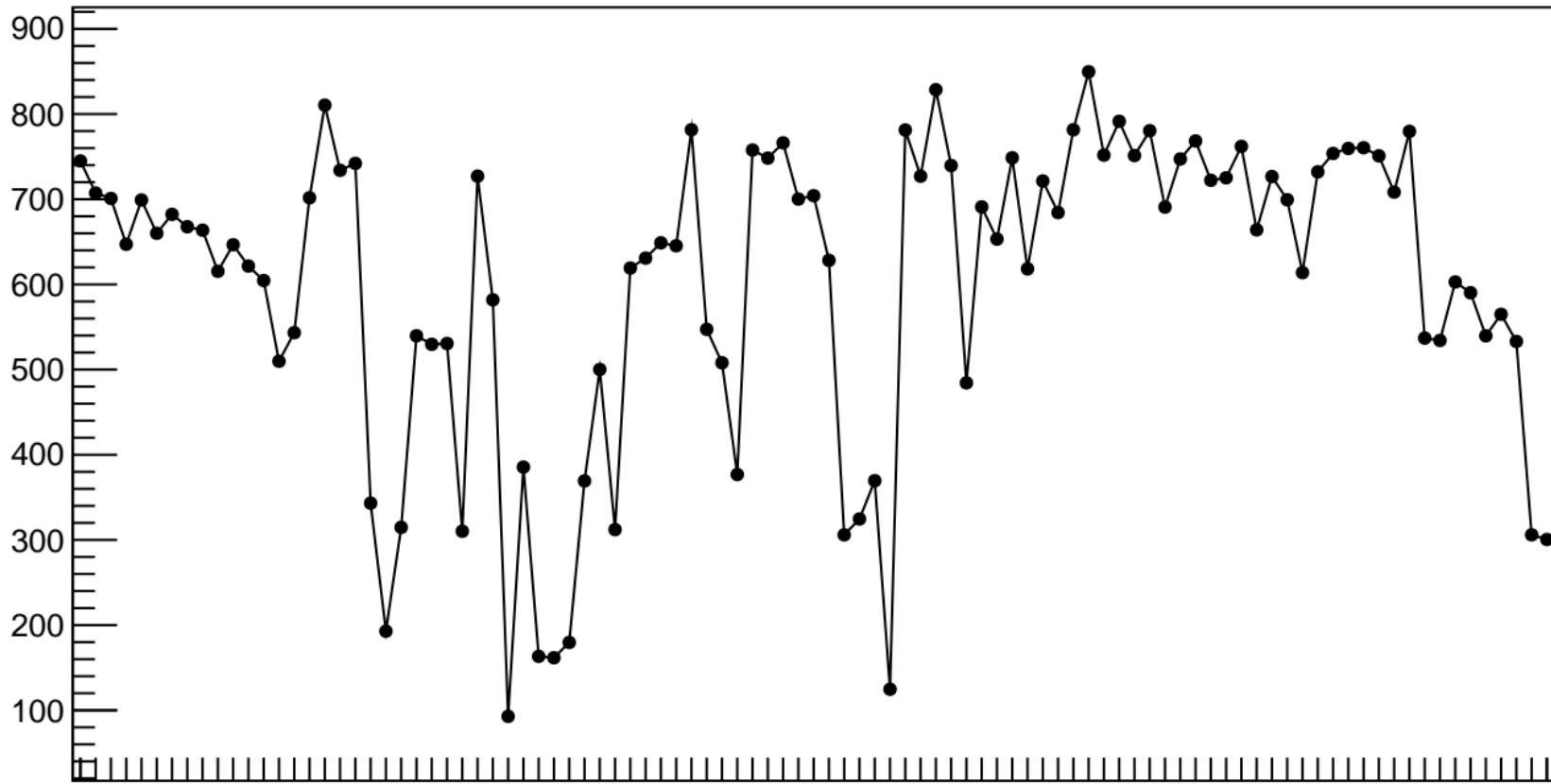


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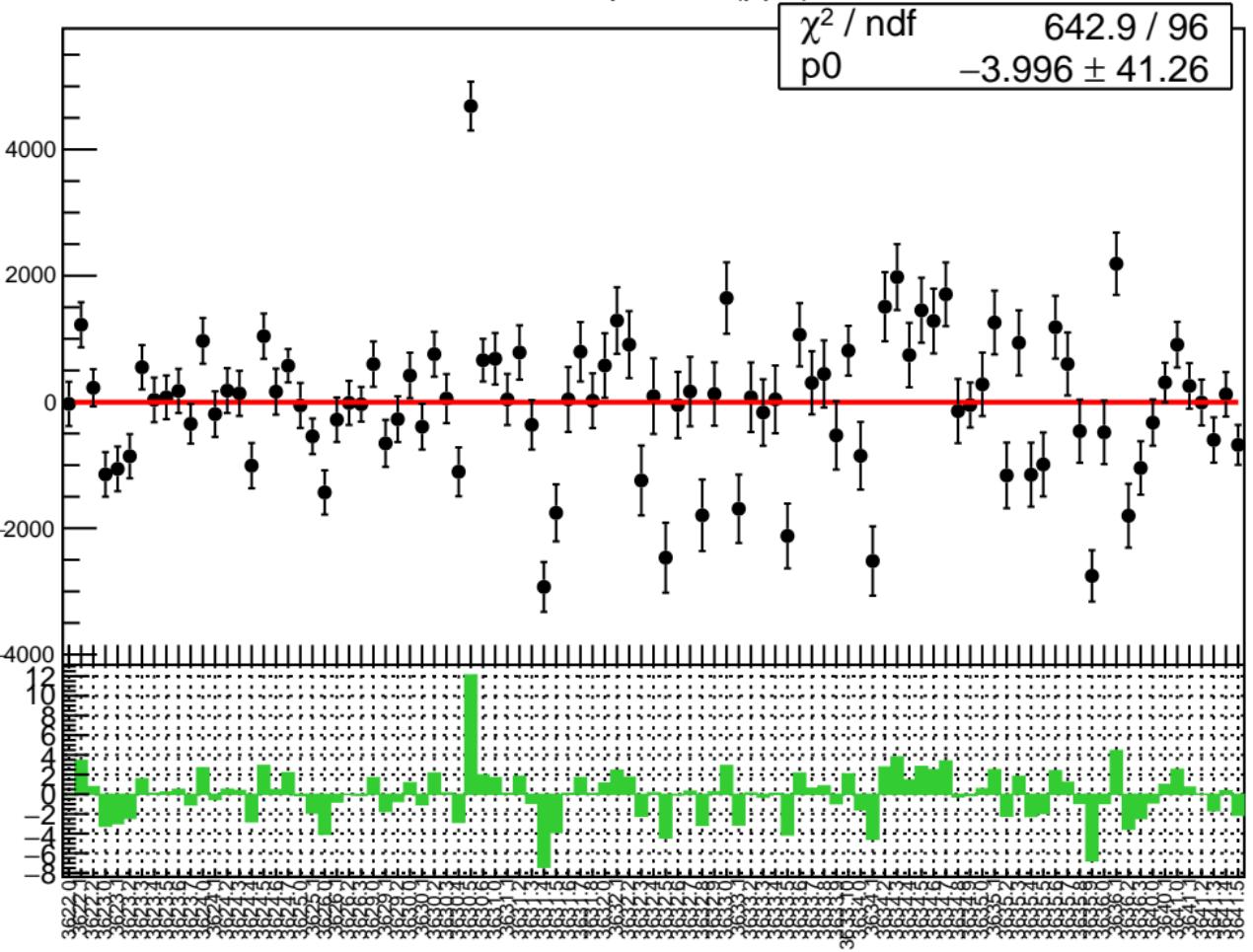
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RMS (ppm)

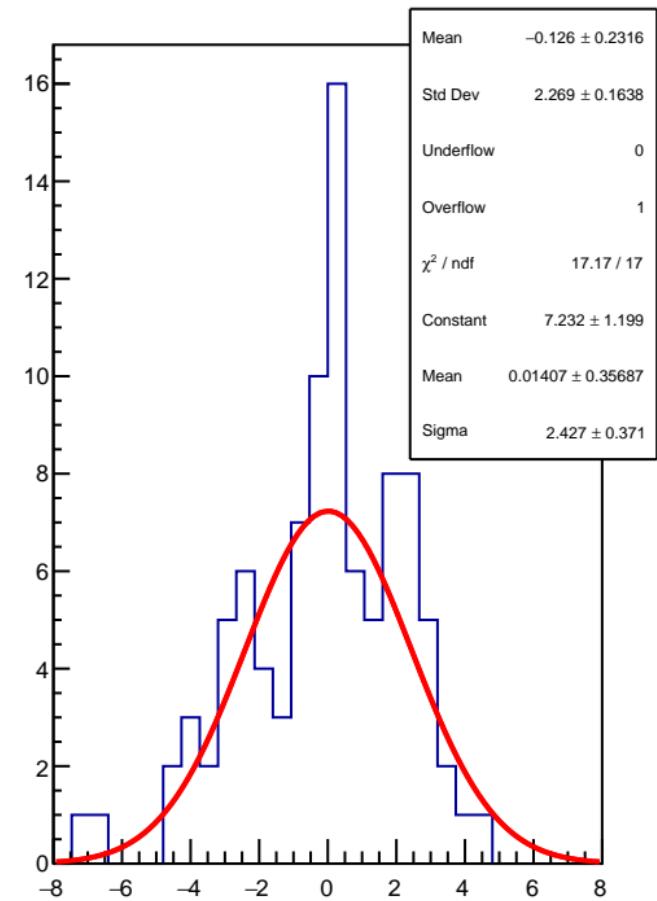


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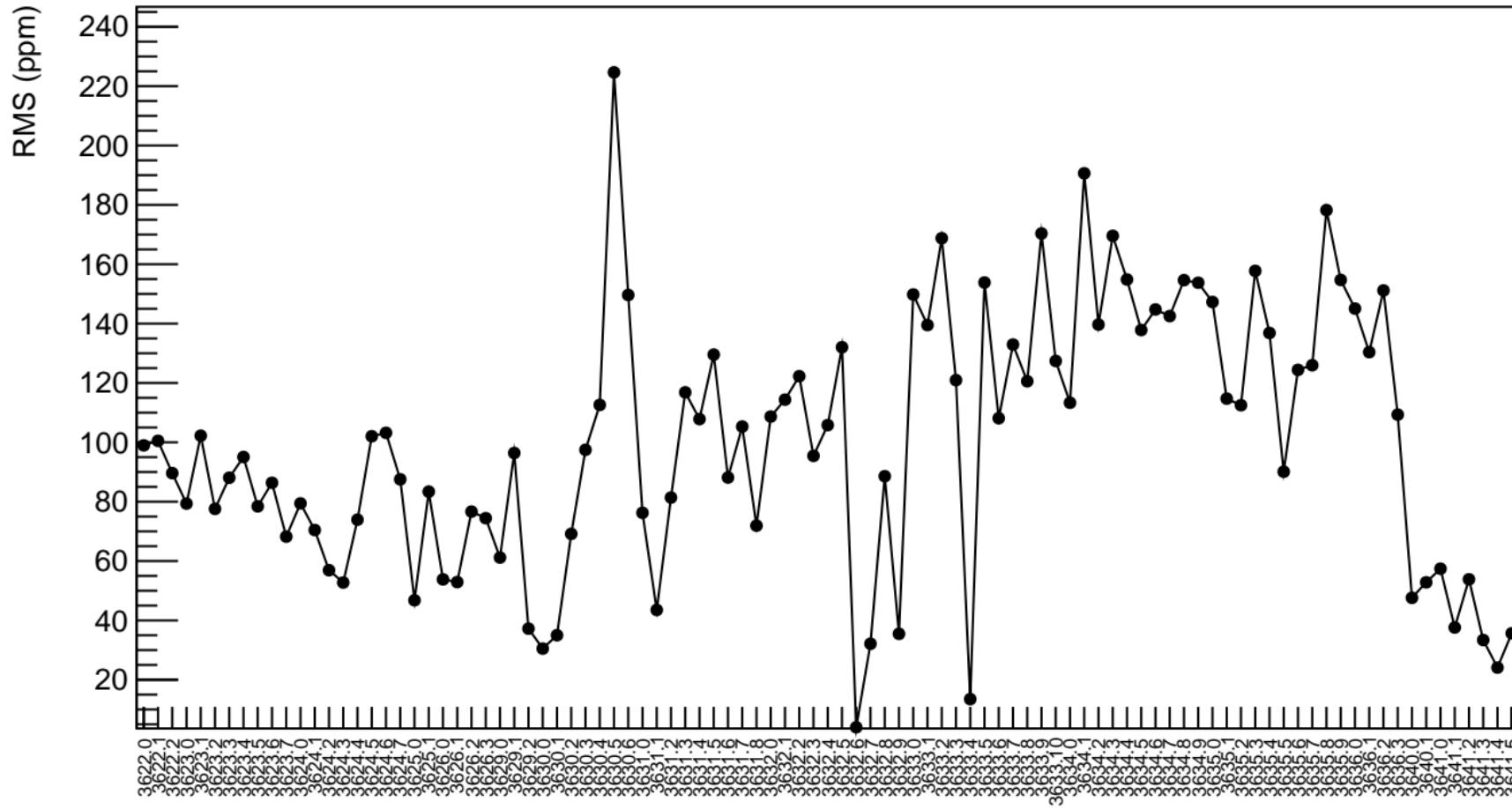
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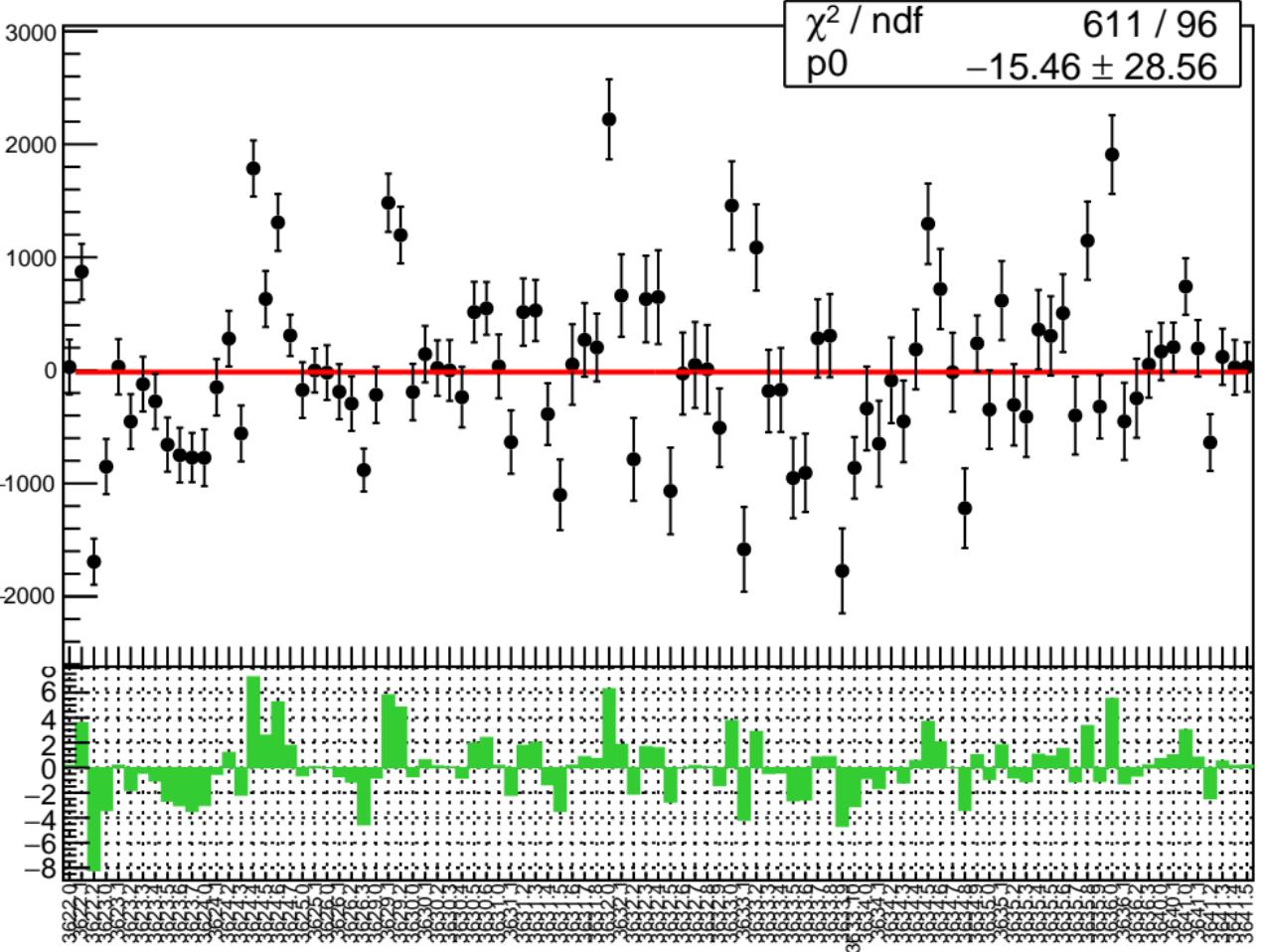
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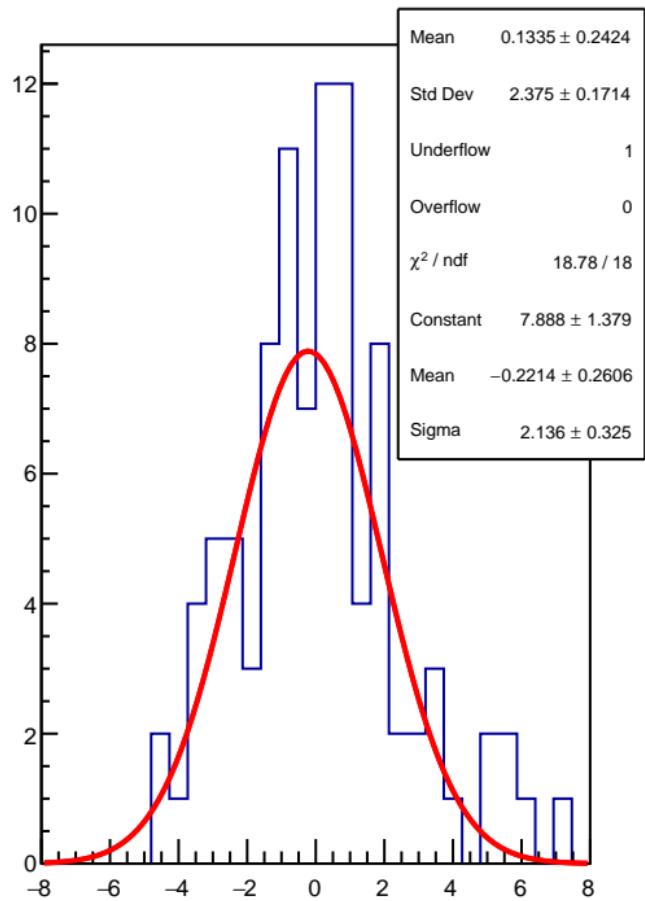
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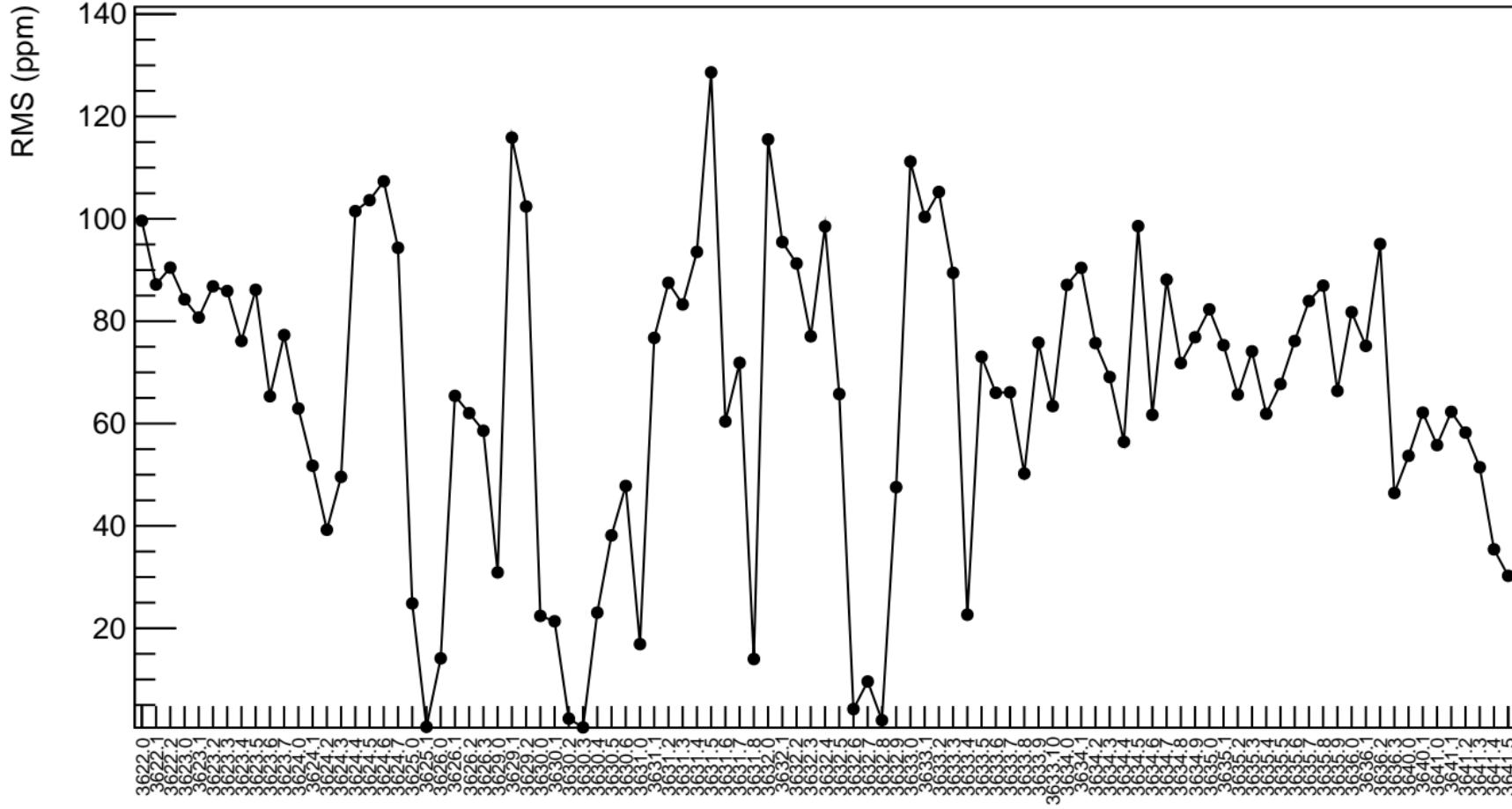
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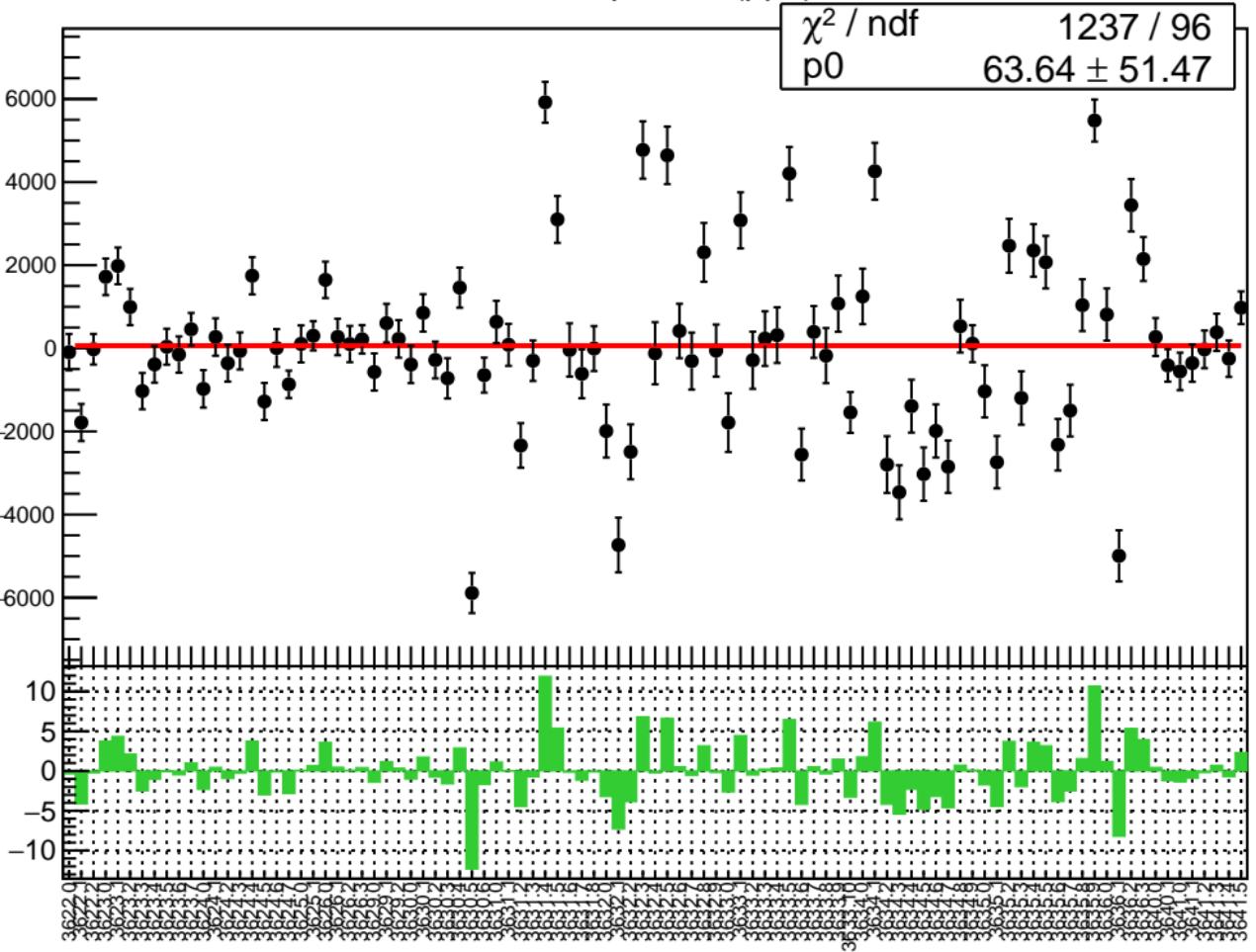
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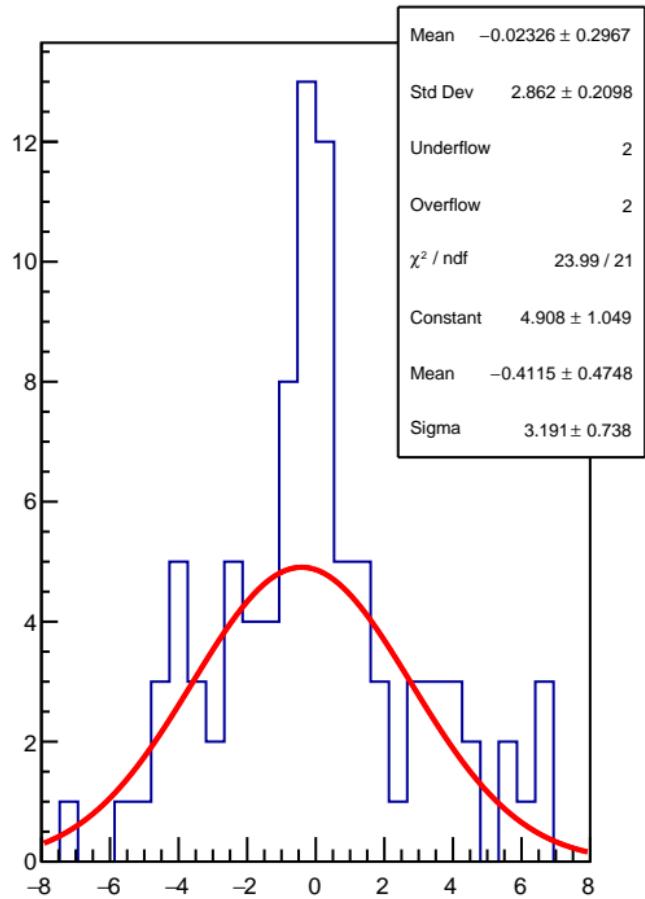
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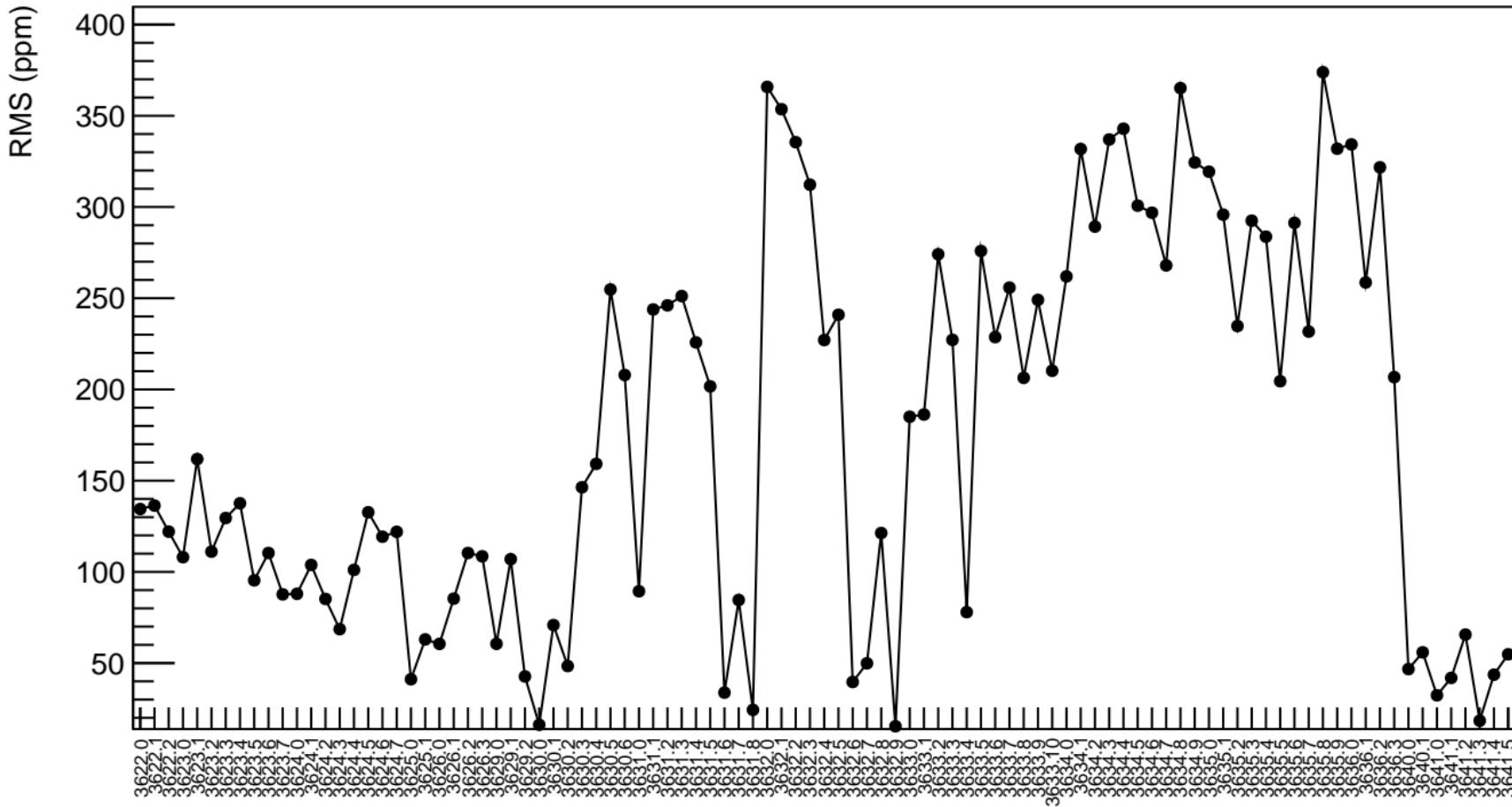
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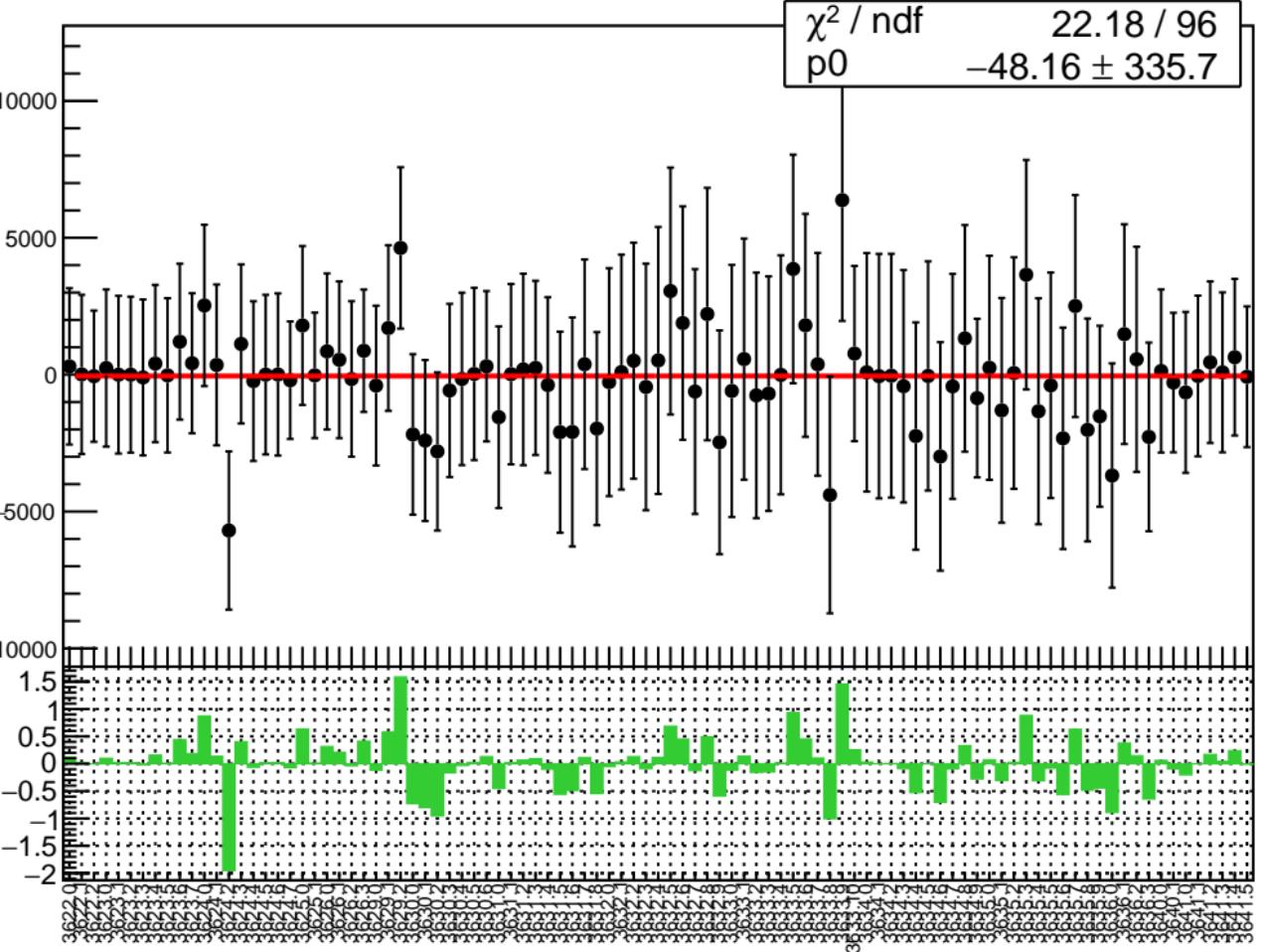
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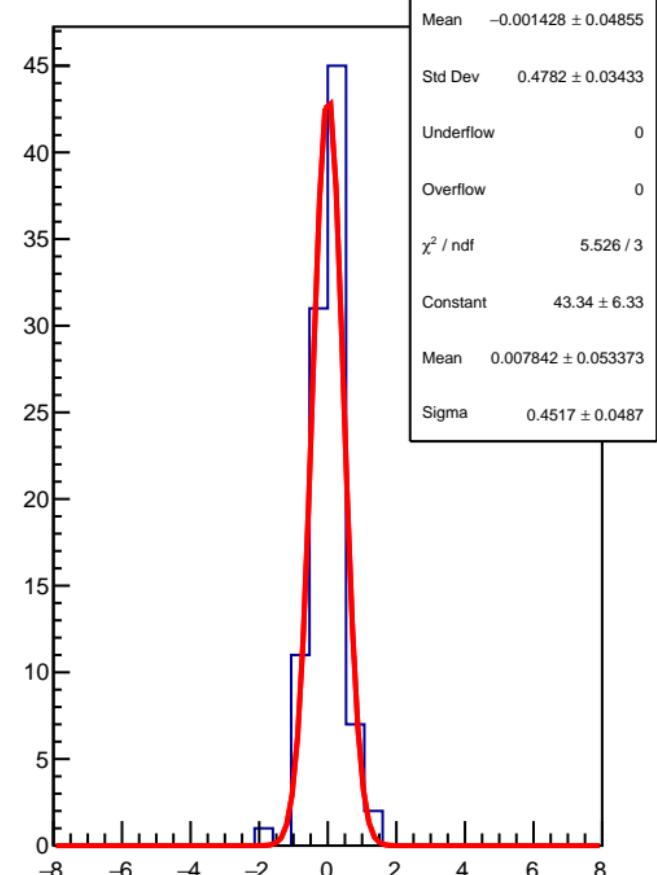
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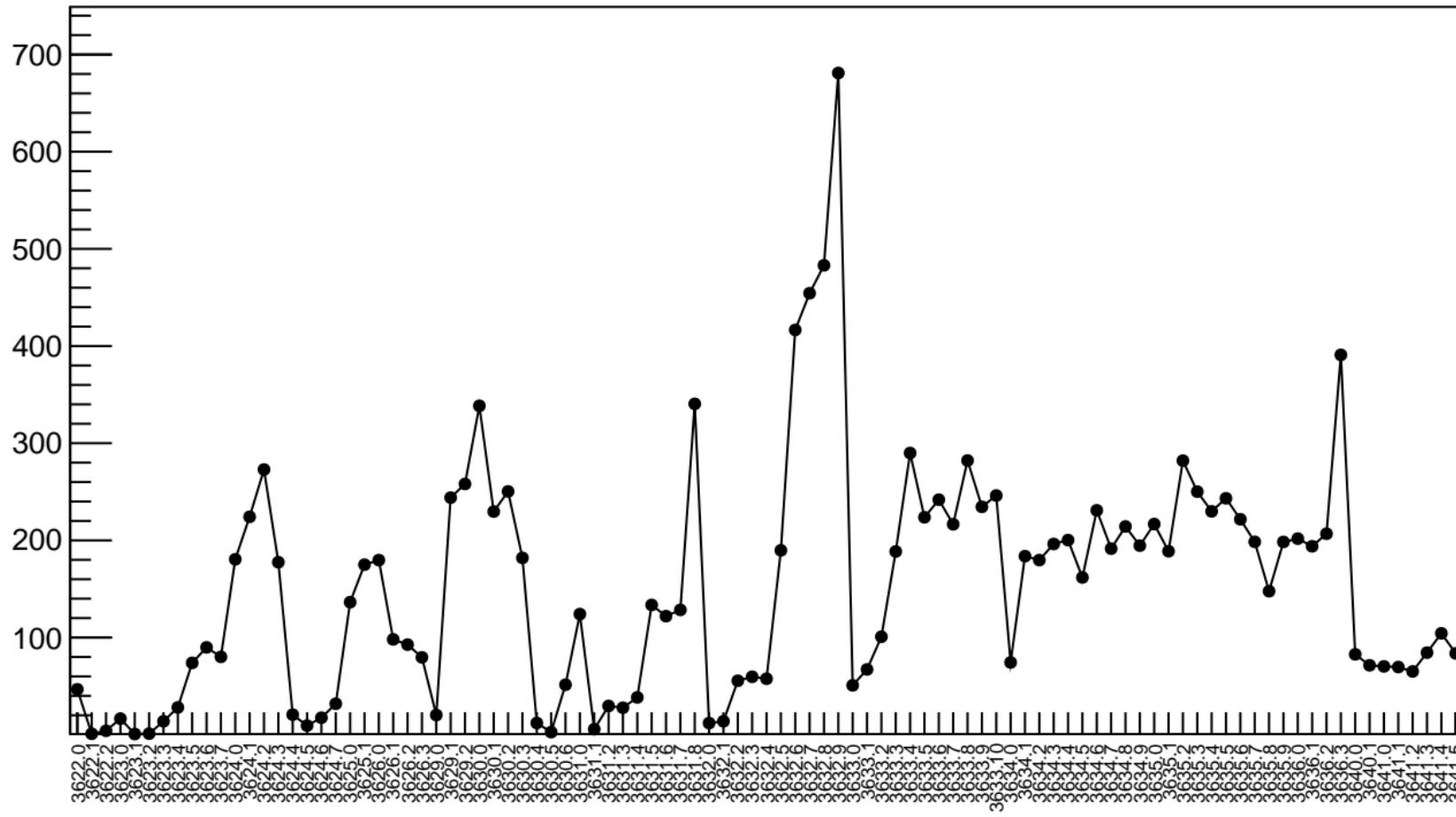


1D pull distribution

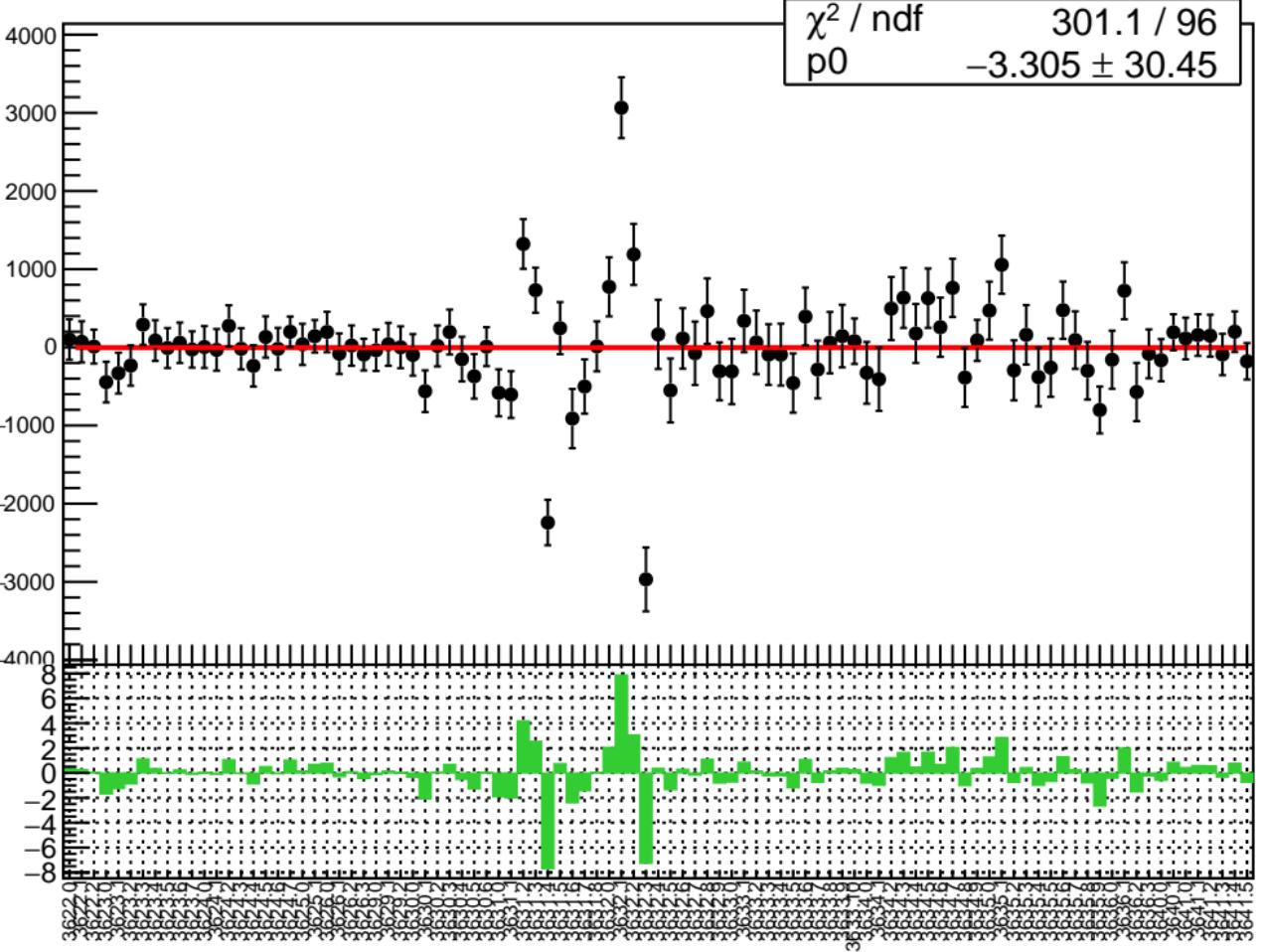


corr_usl_bpm1X RMS (ppm)

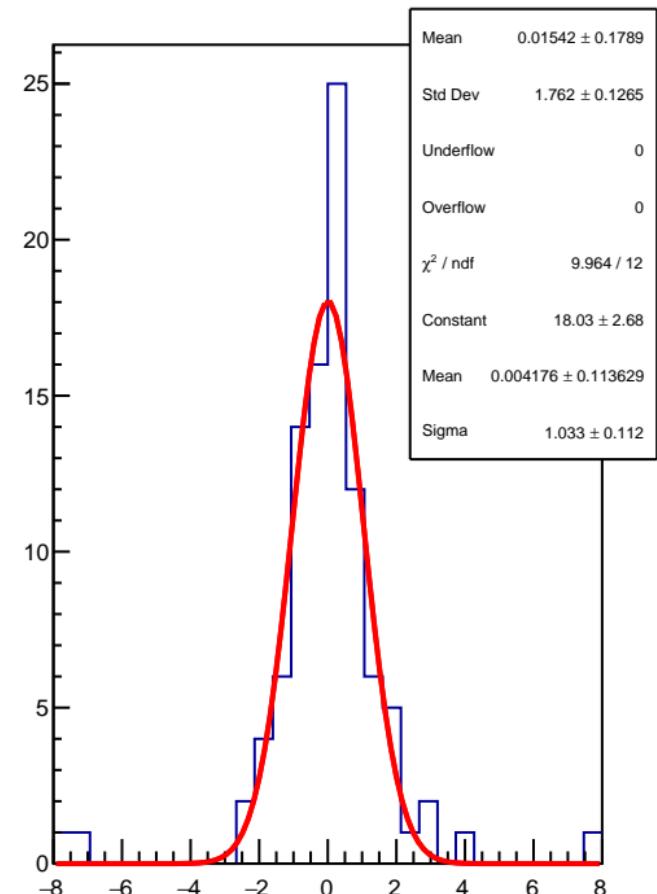
RMS (ppm)



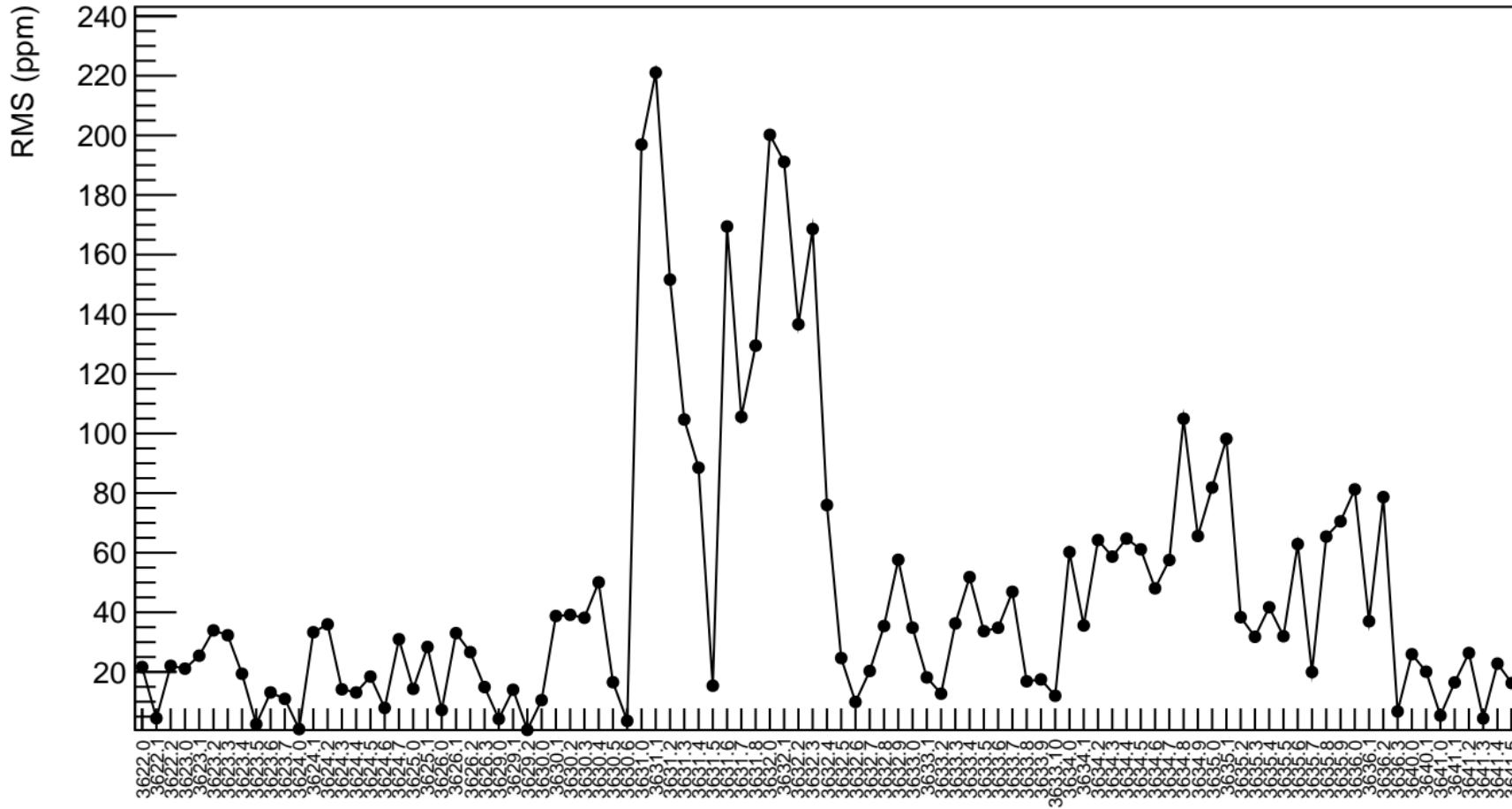
corr_usl_bpm1Y (ppb)



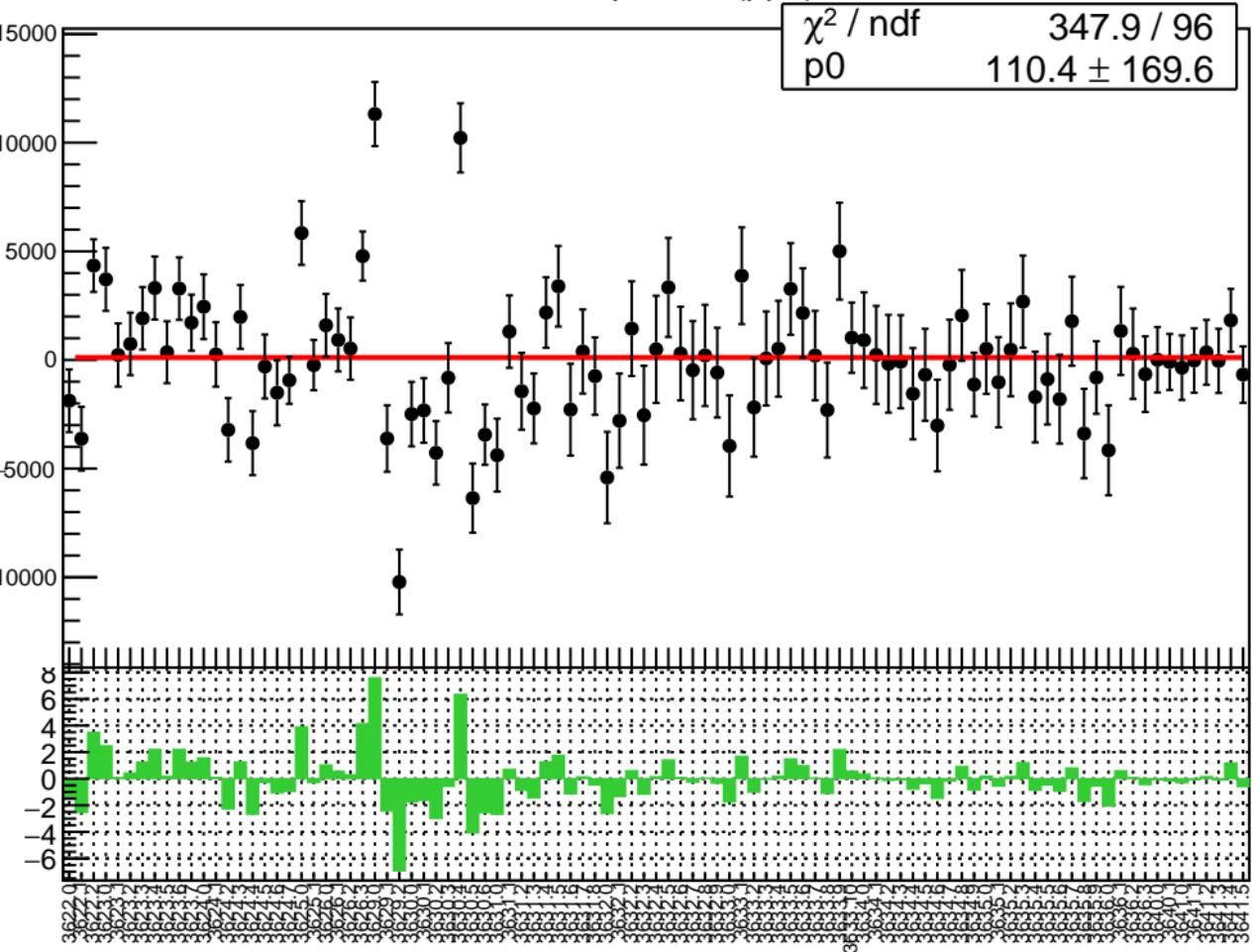
1D pull distribution



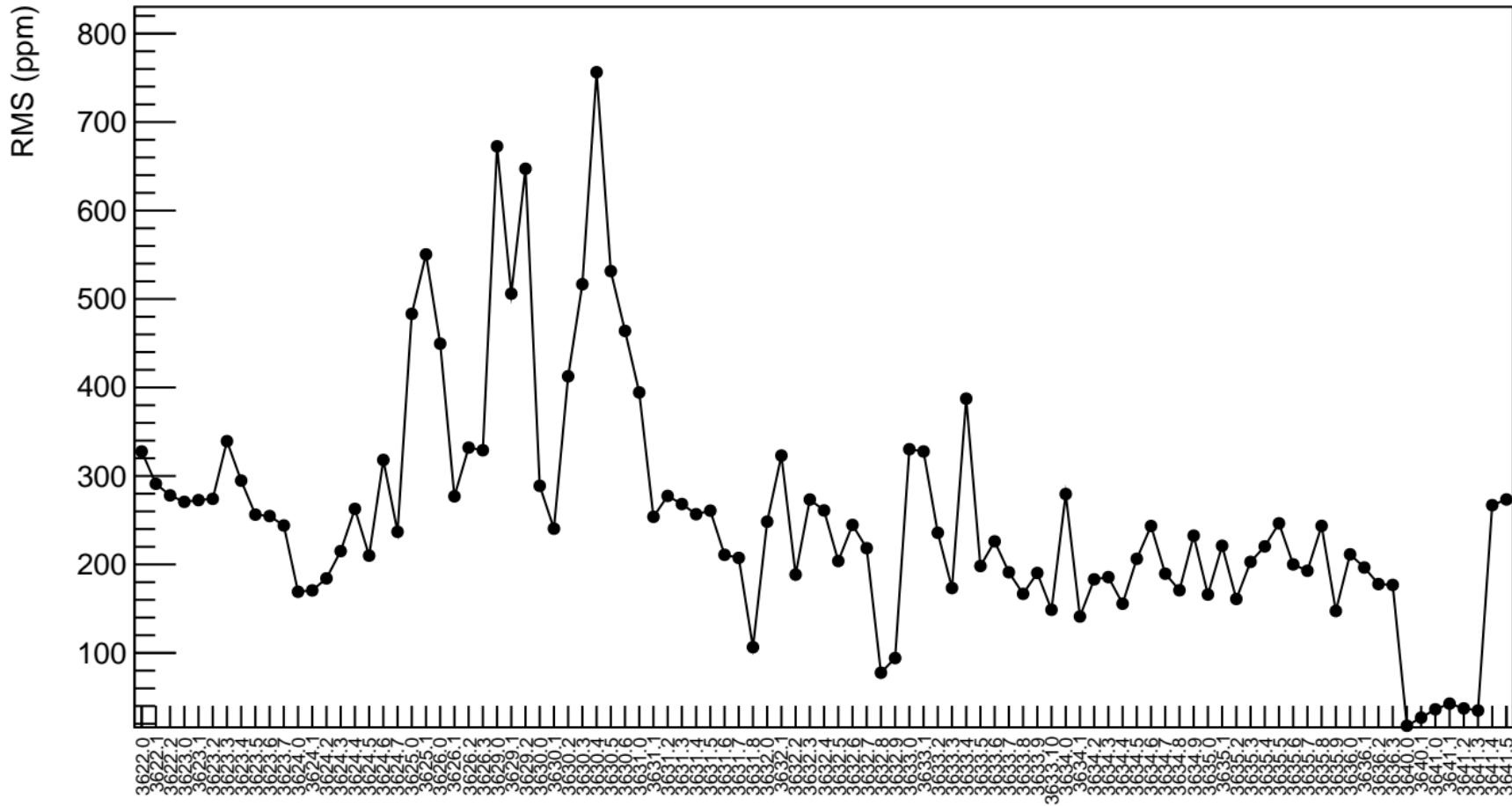
corr_usl_bpm1Y RMS (ppm)



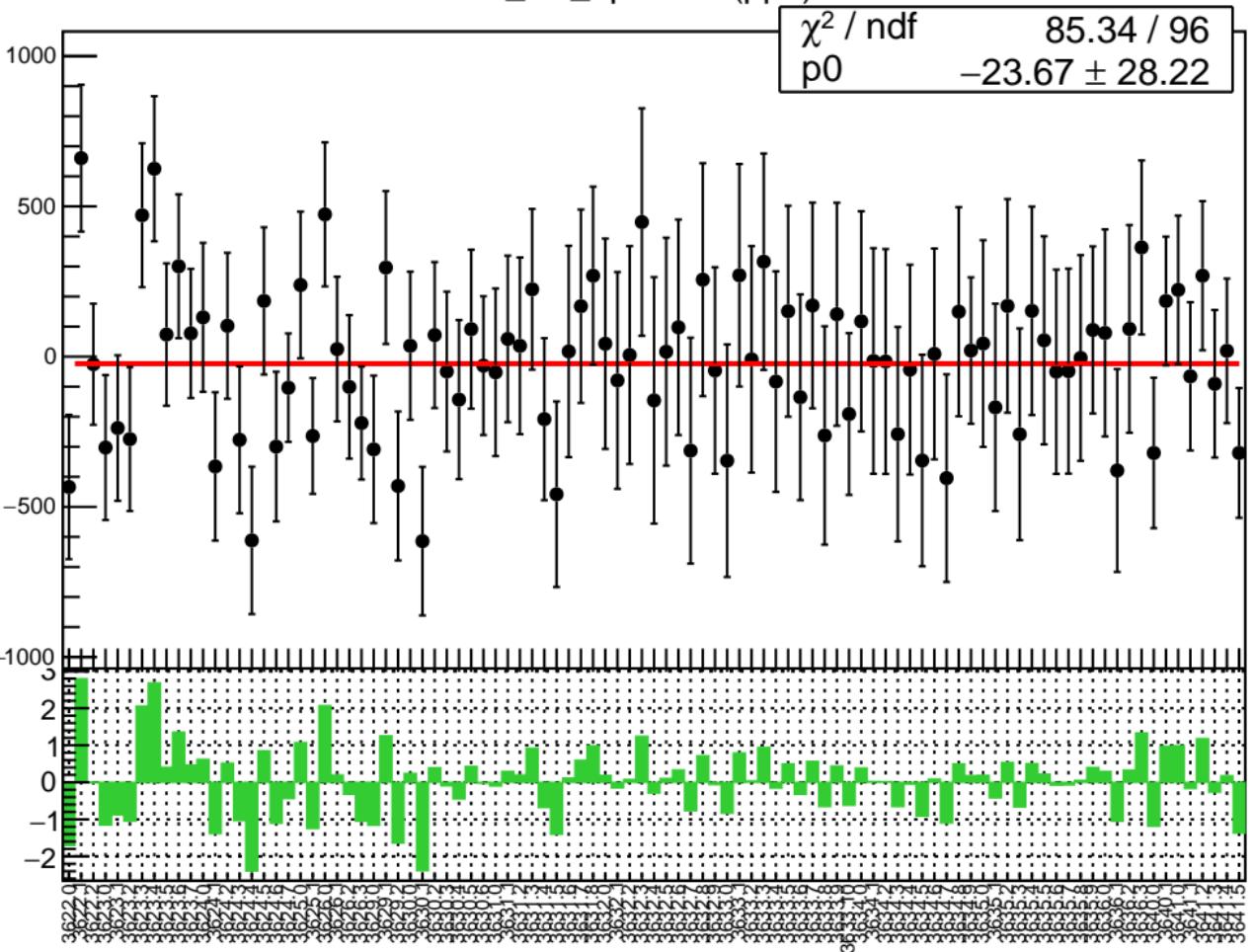
corr_usl_bpm16X (ppb)



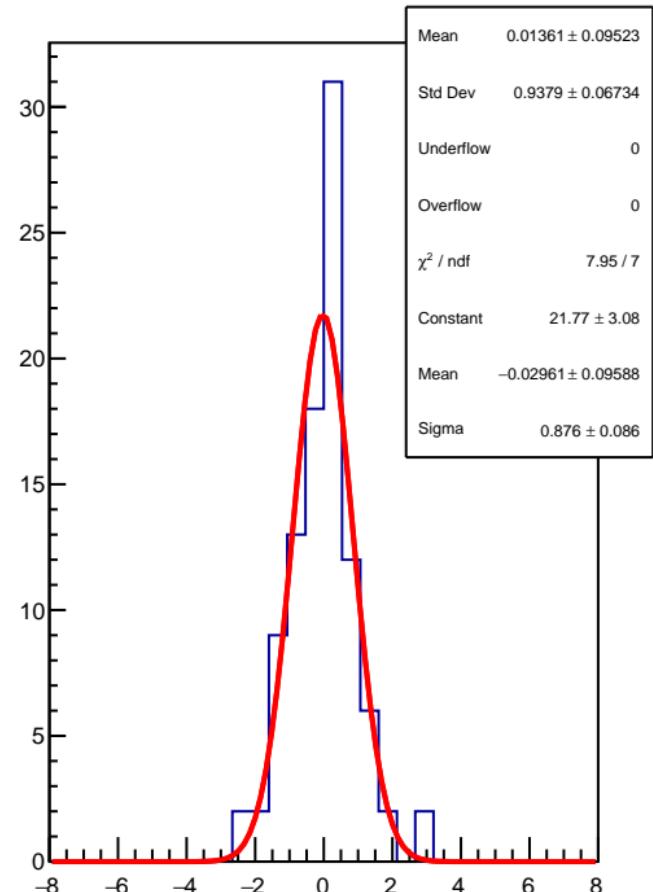
corr_usl_bpm16X RMS (ppm)



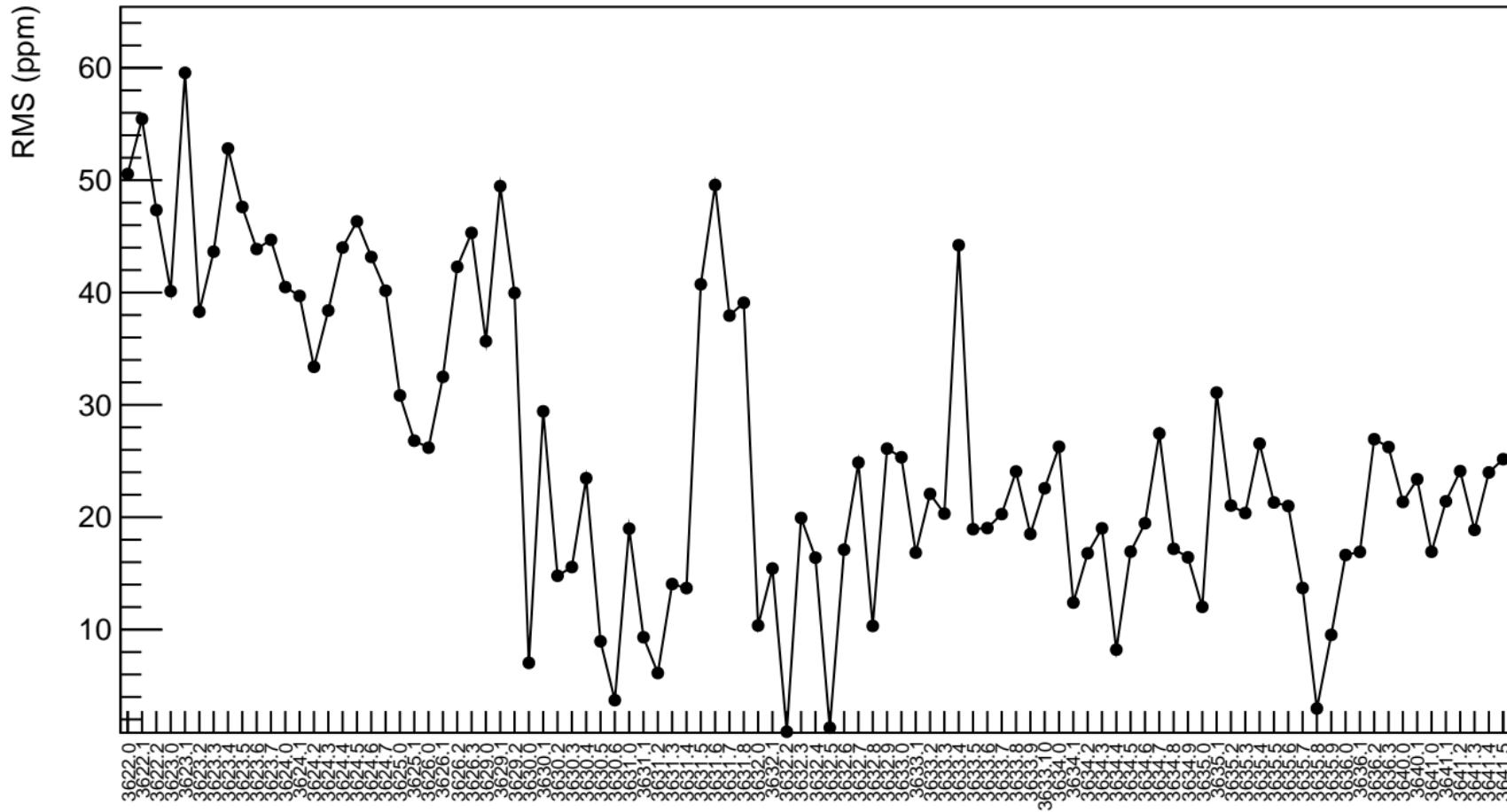
corr_usl_bpm16Y (ppb)



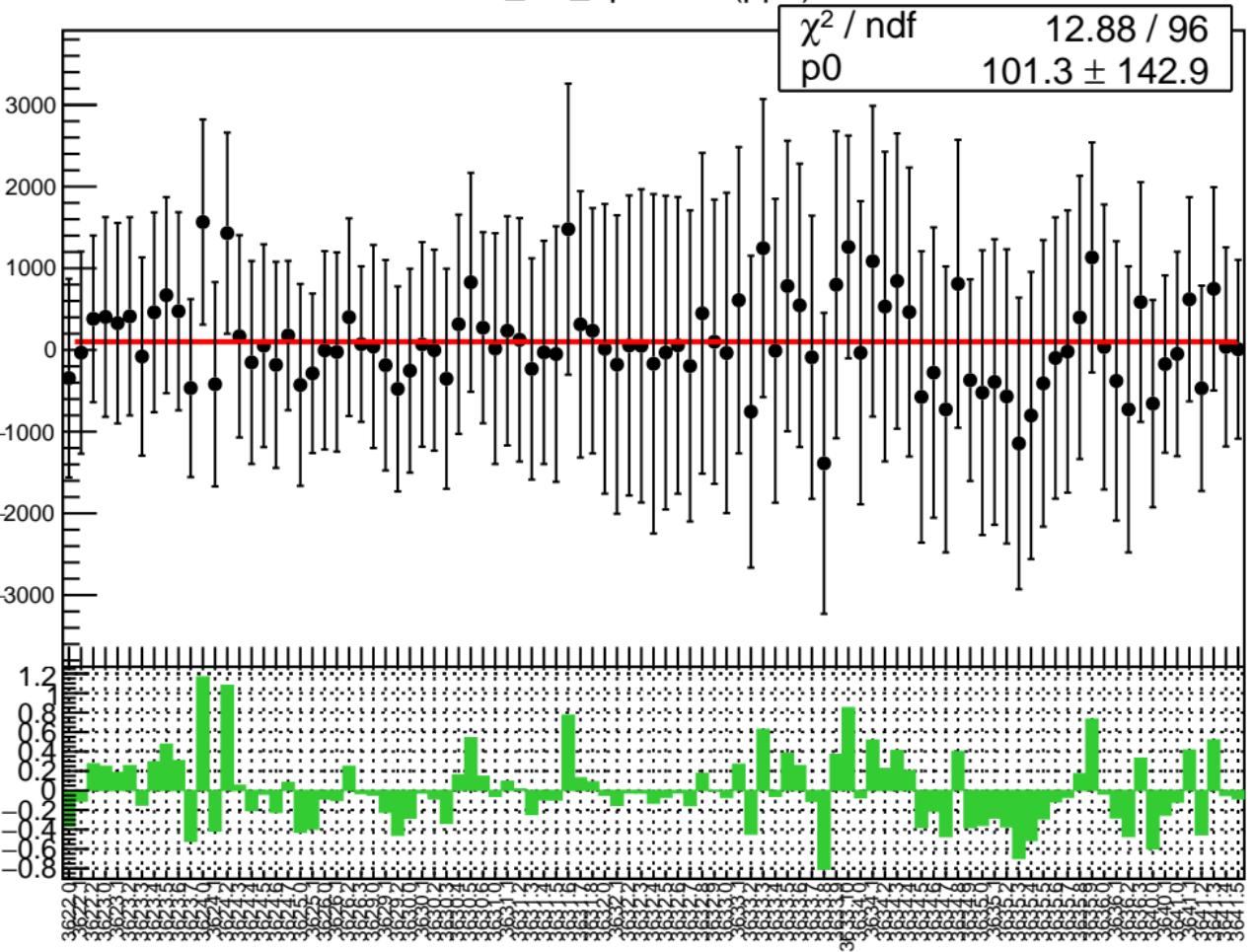
1D pull distribution



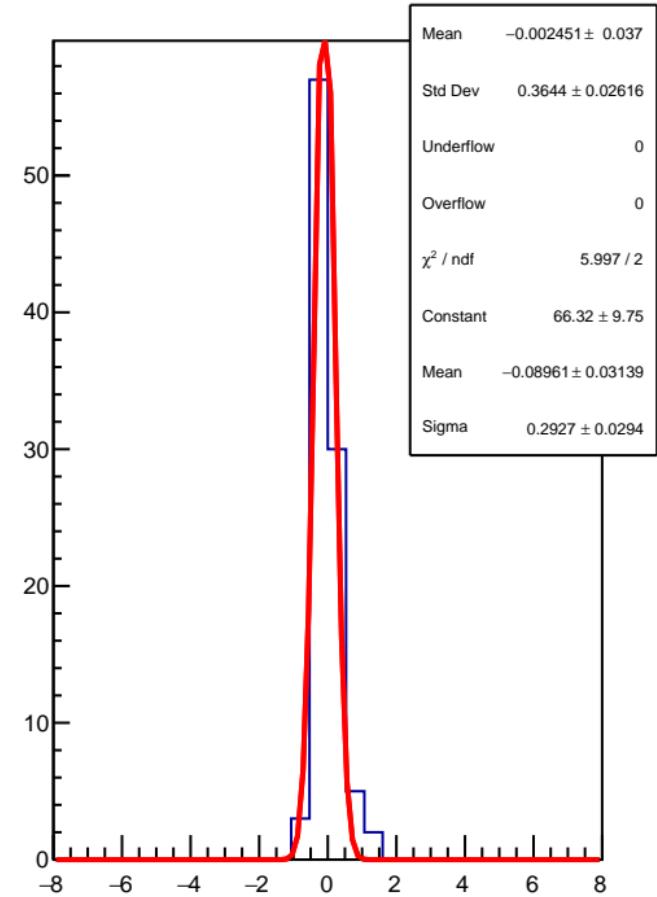
corr_usl_bpm16Y RMS (ppm)



corr_usl_bpm12X (ppb)

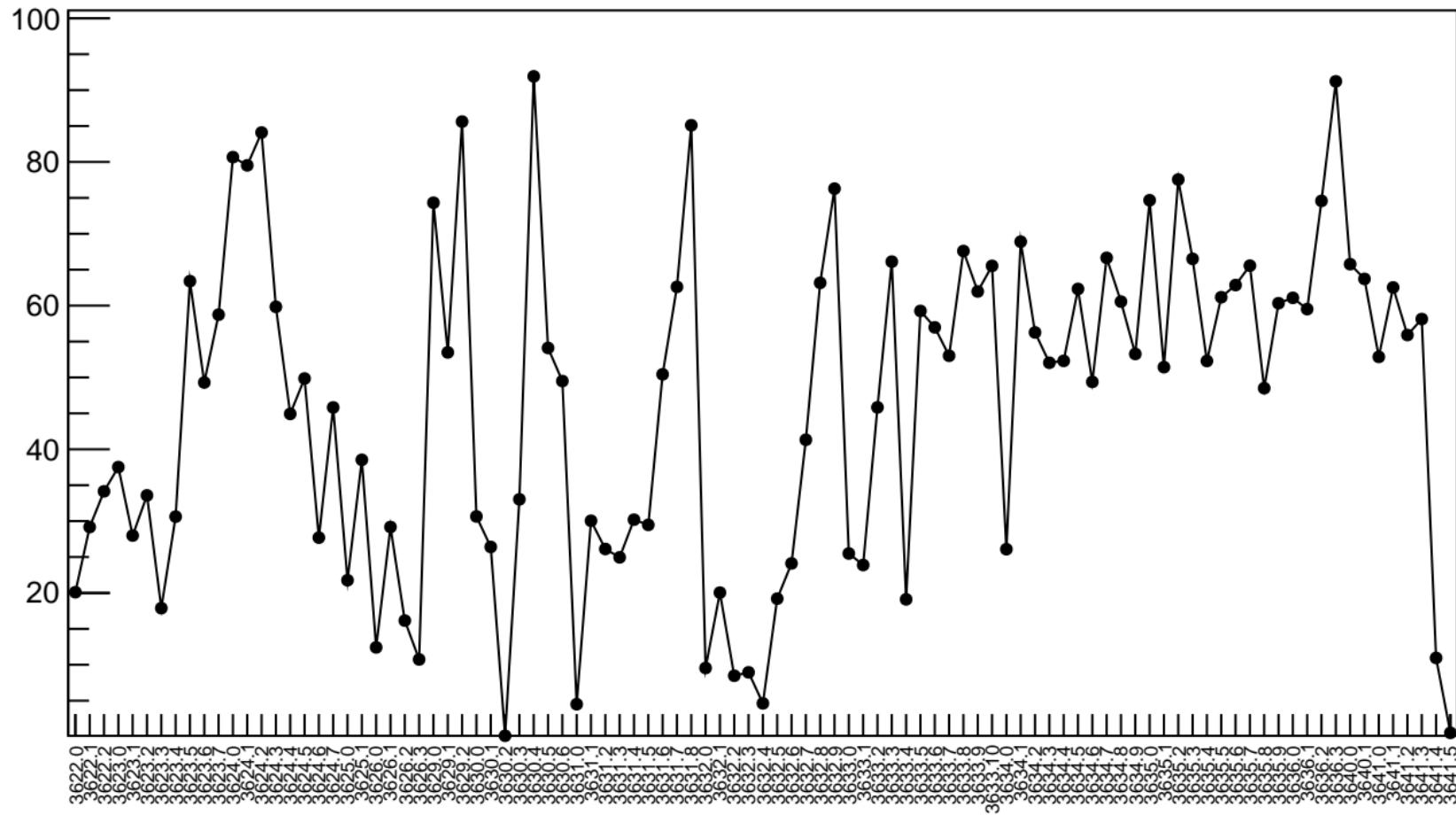


1D pull distribution

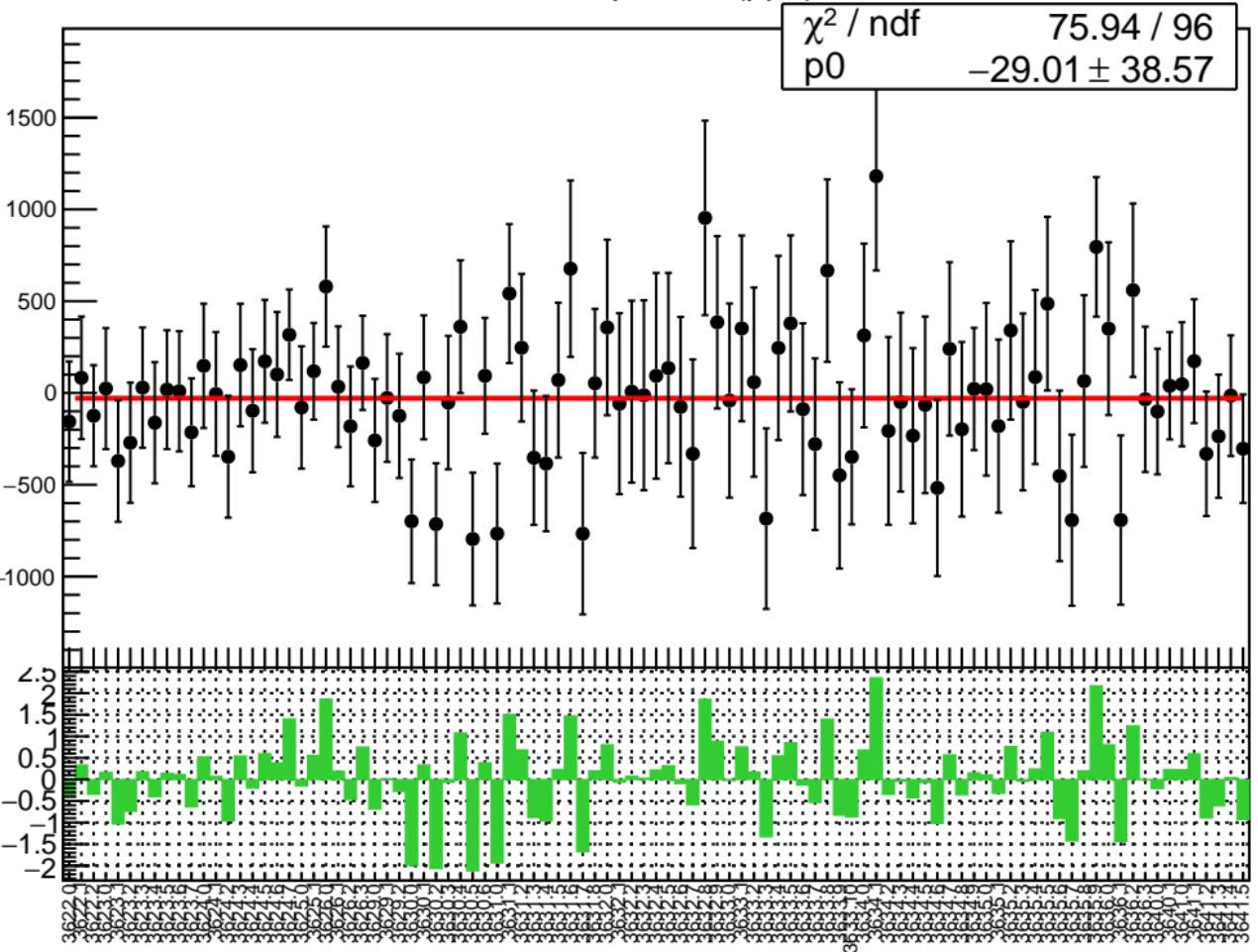


corr_usl_bpm12X RMS (ppm)

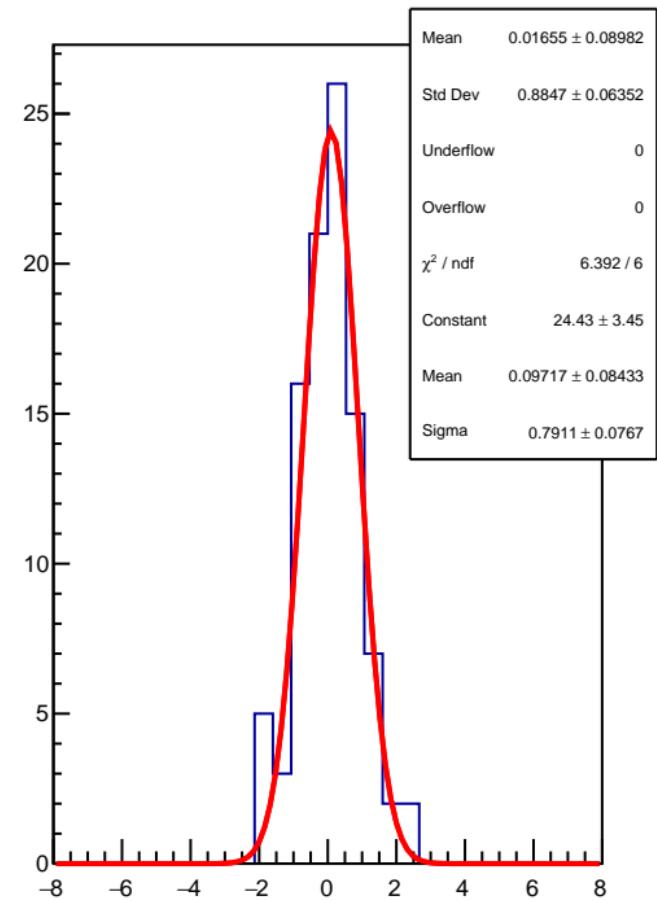
RMS (ppm)



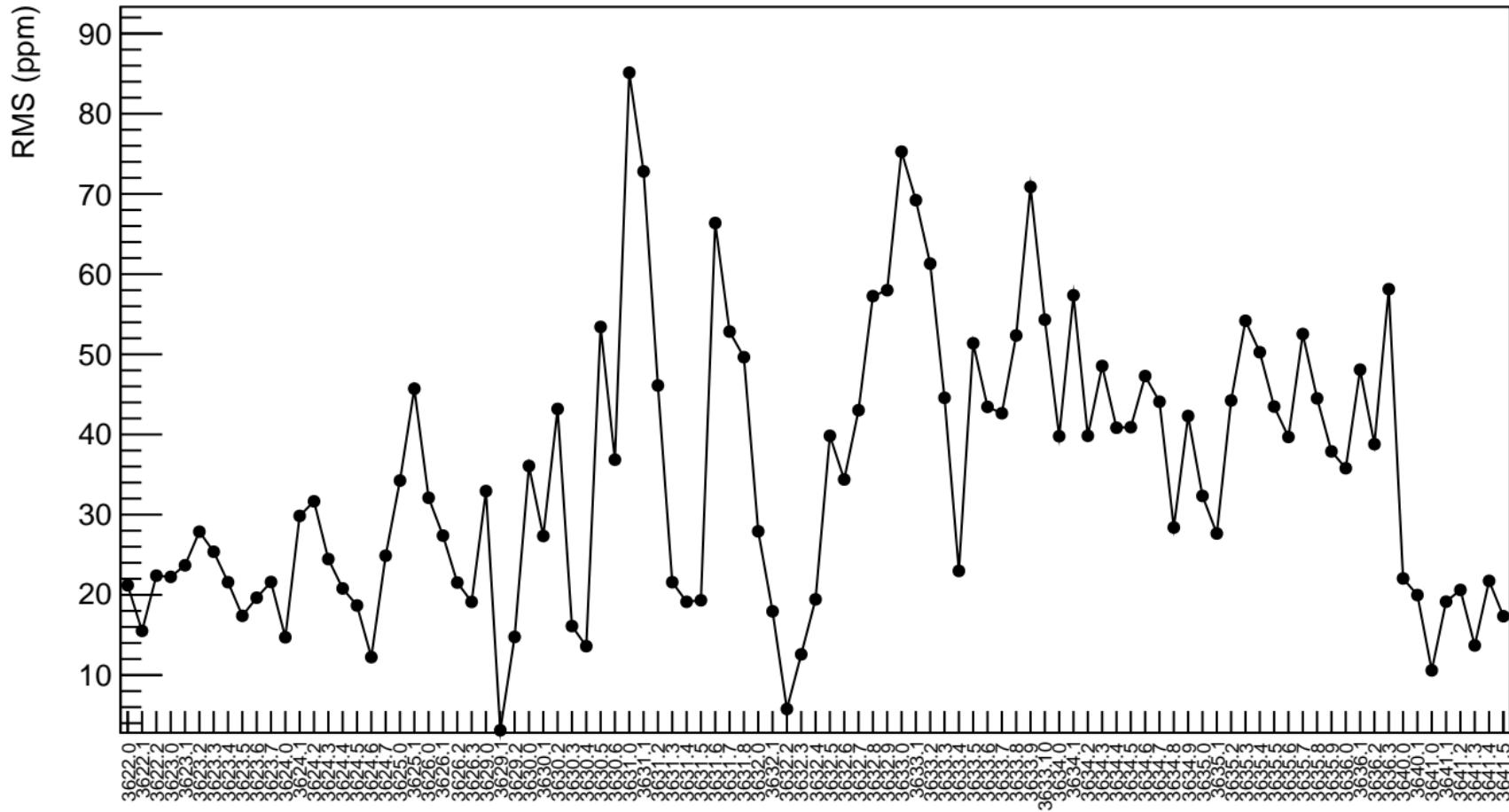
corr_usl_bpm12Y (ppb)



1D pull distribution

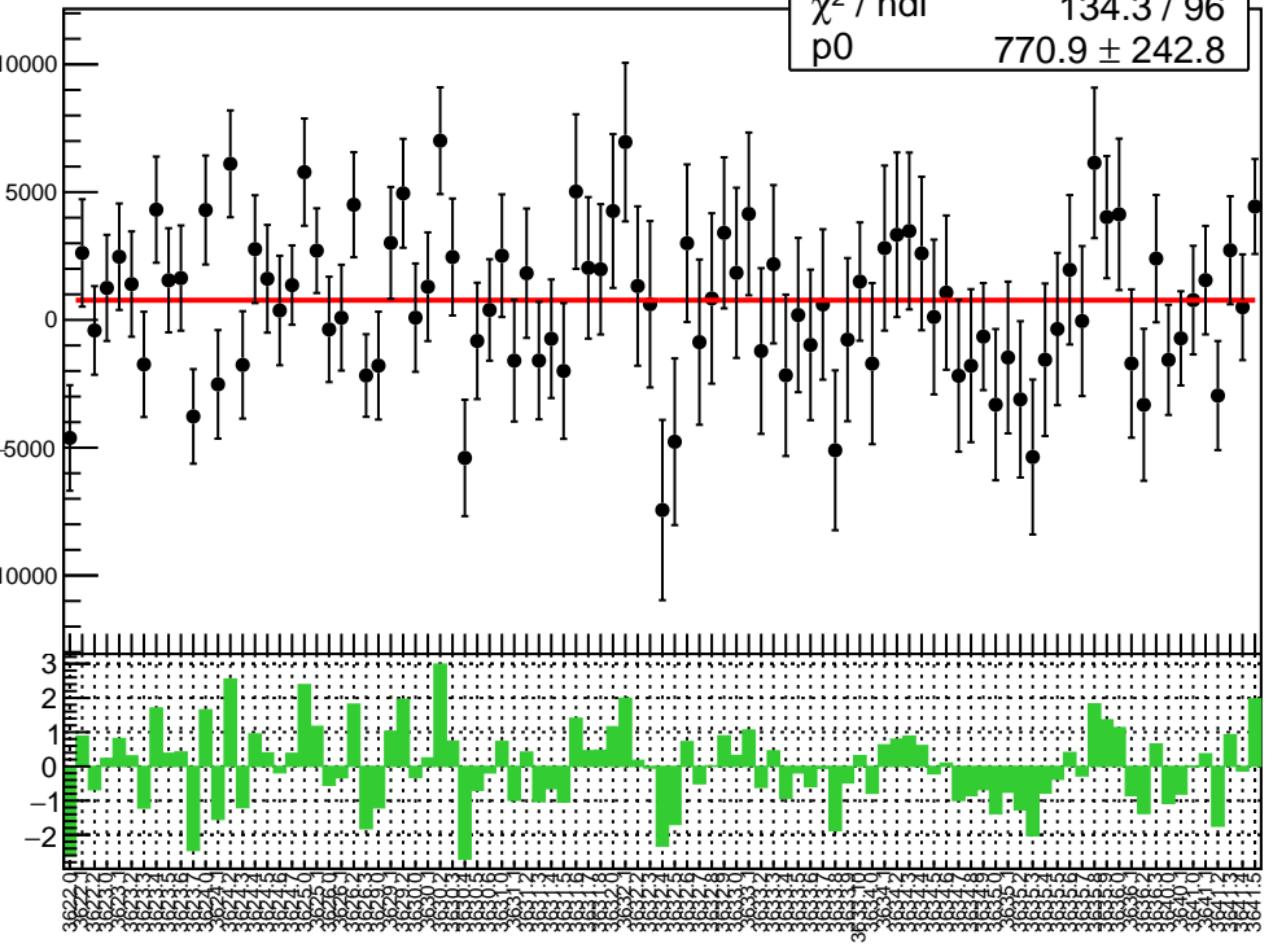


corr_usl_bpm12Y RMS (ppm)

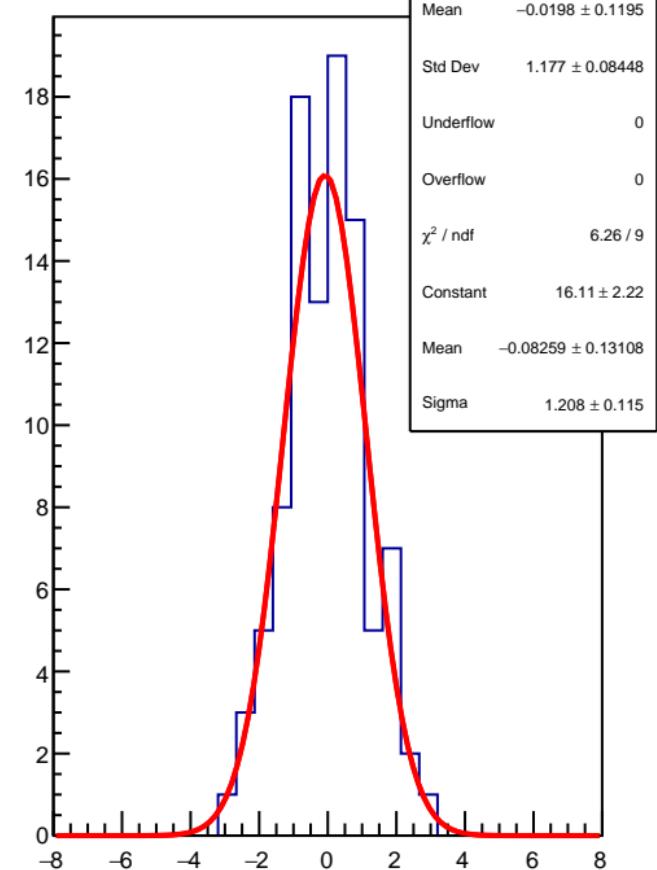


corr_usl_bpm11X (ppb)

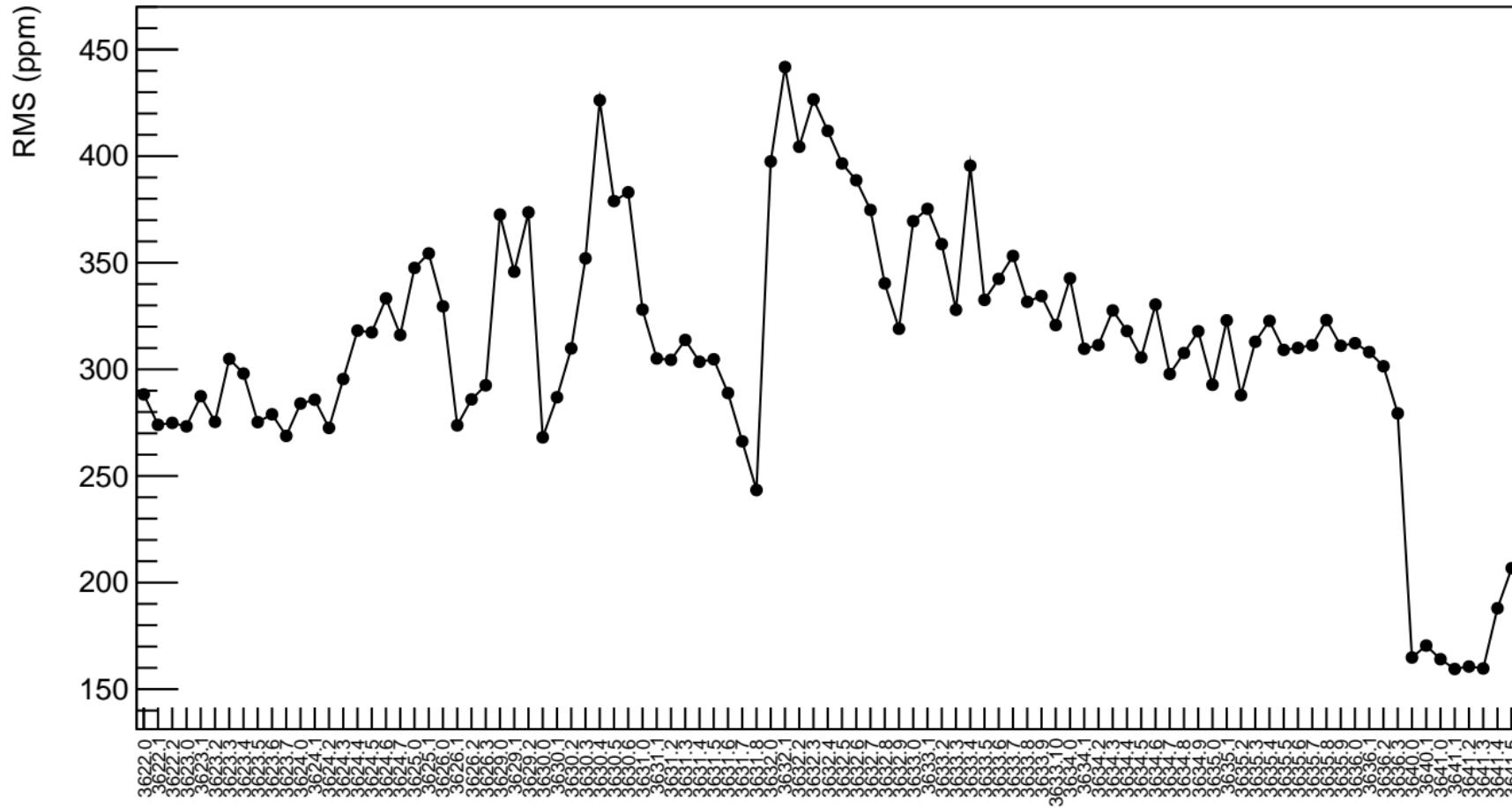
χ^2 / ndf 134.3 / 96
 p_0 770.9 ± 242.8



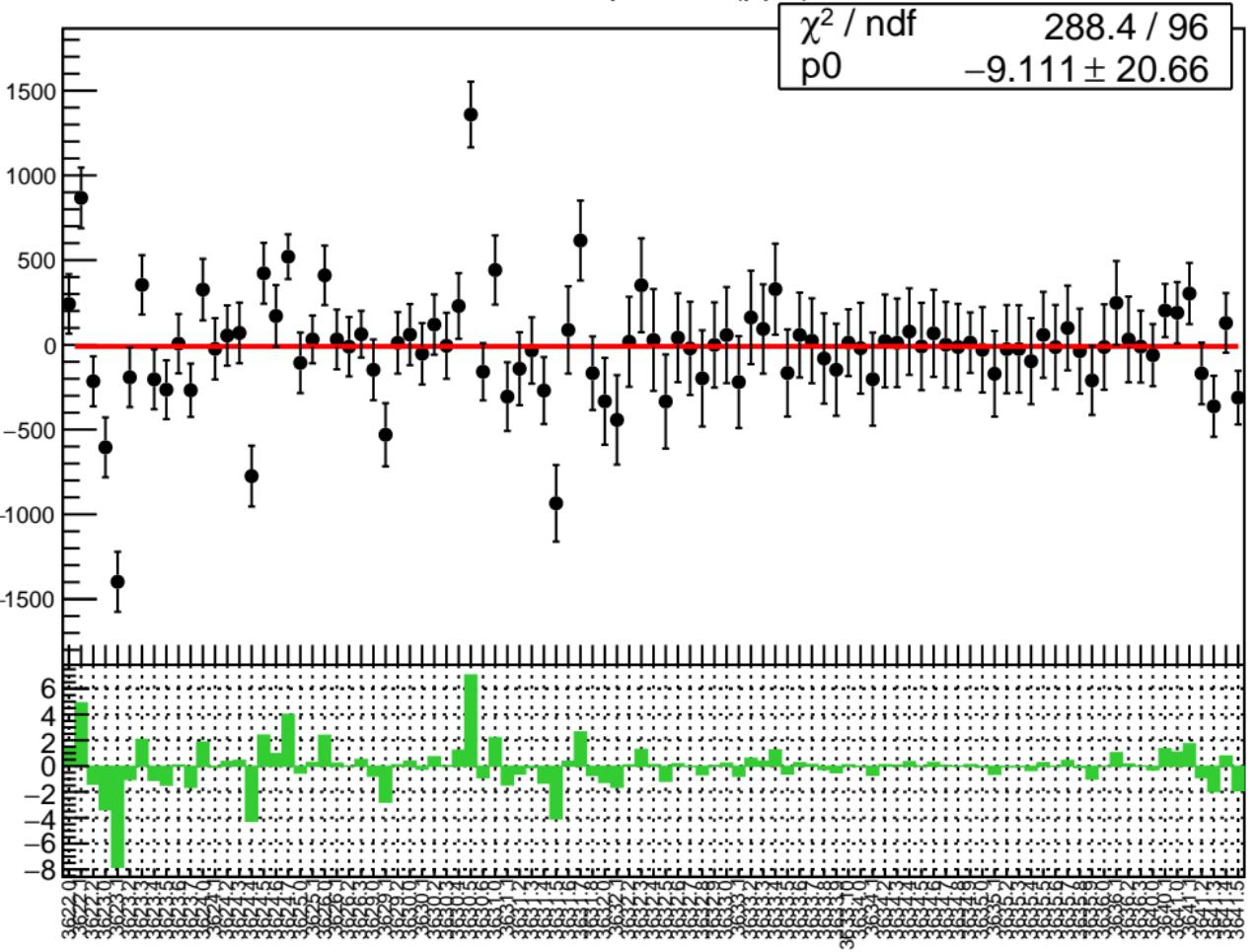
1D pull distribution



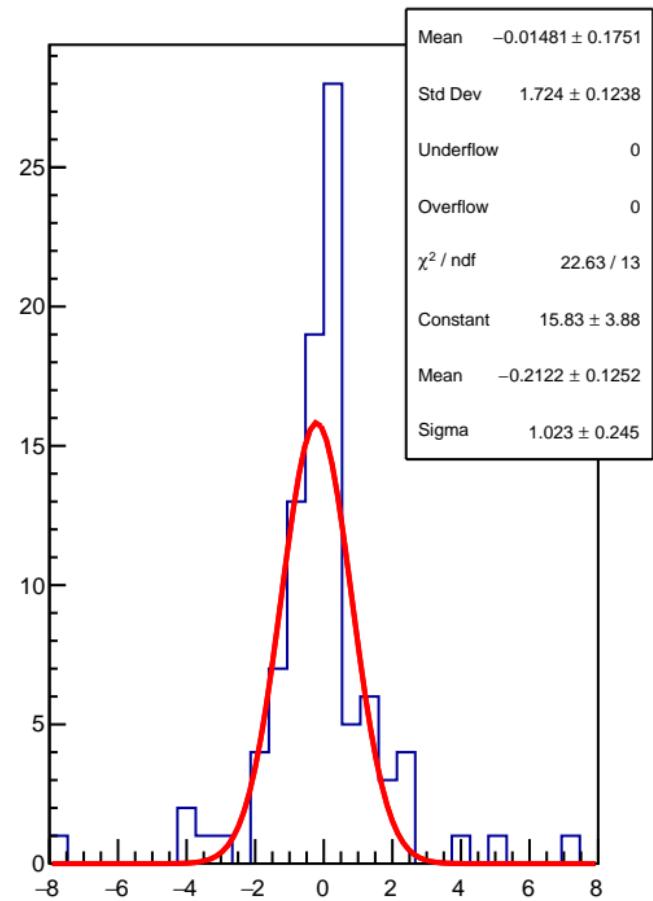
corr_usl_bpm11X RMS (ppm)



corr_usl_bpm11Y (ppb)

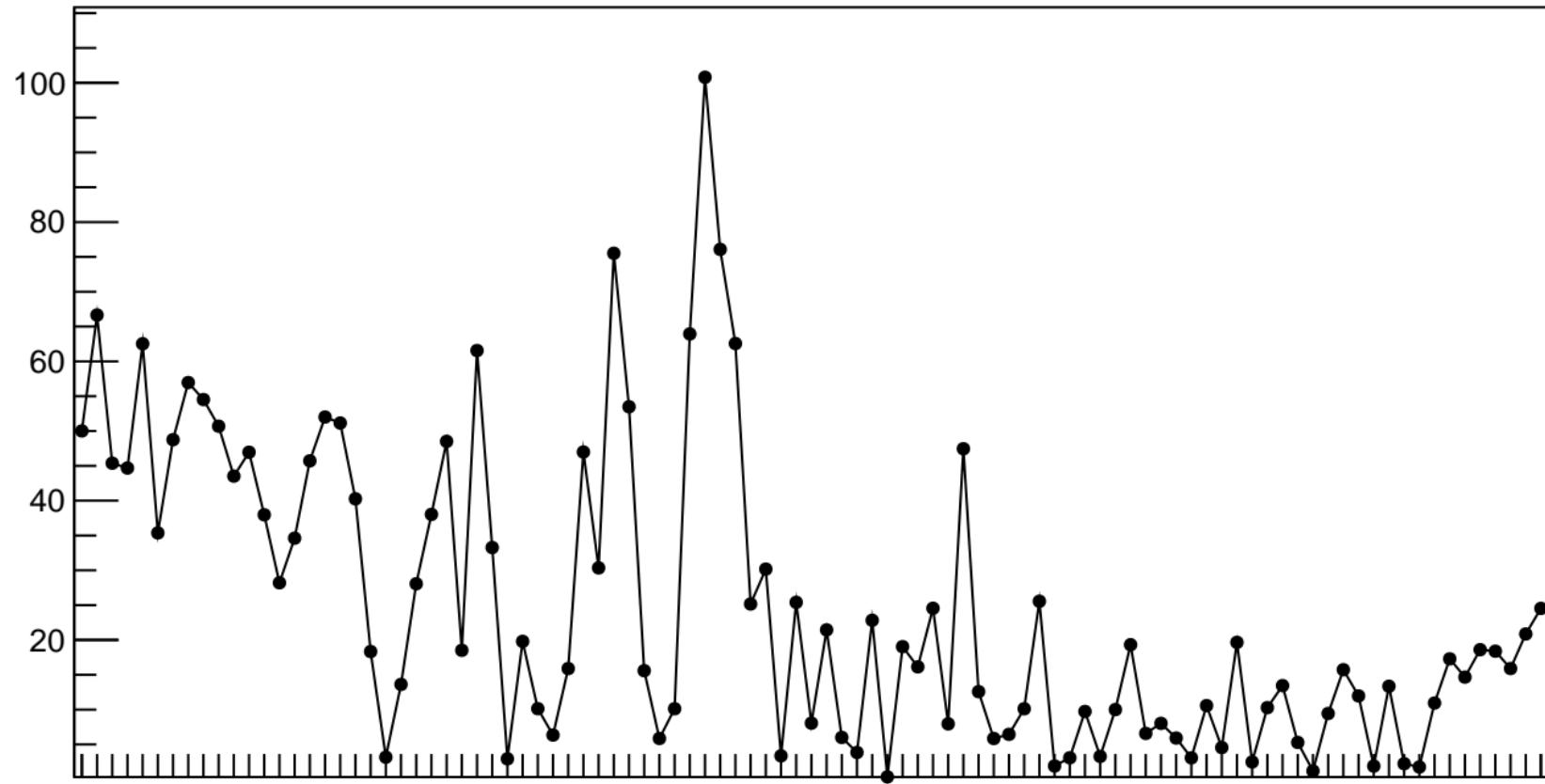


1D pull distribution



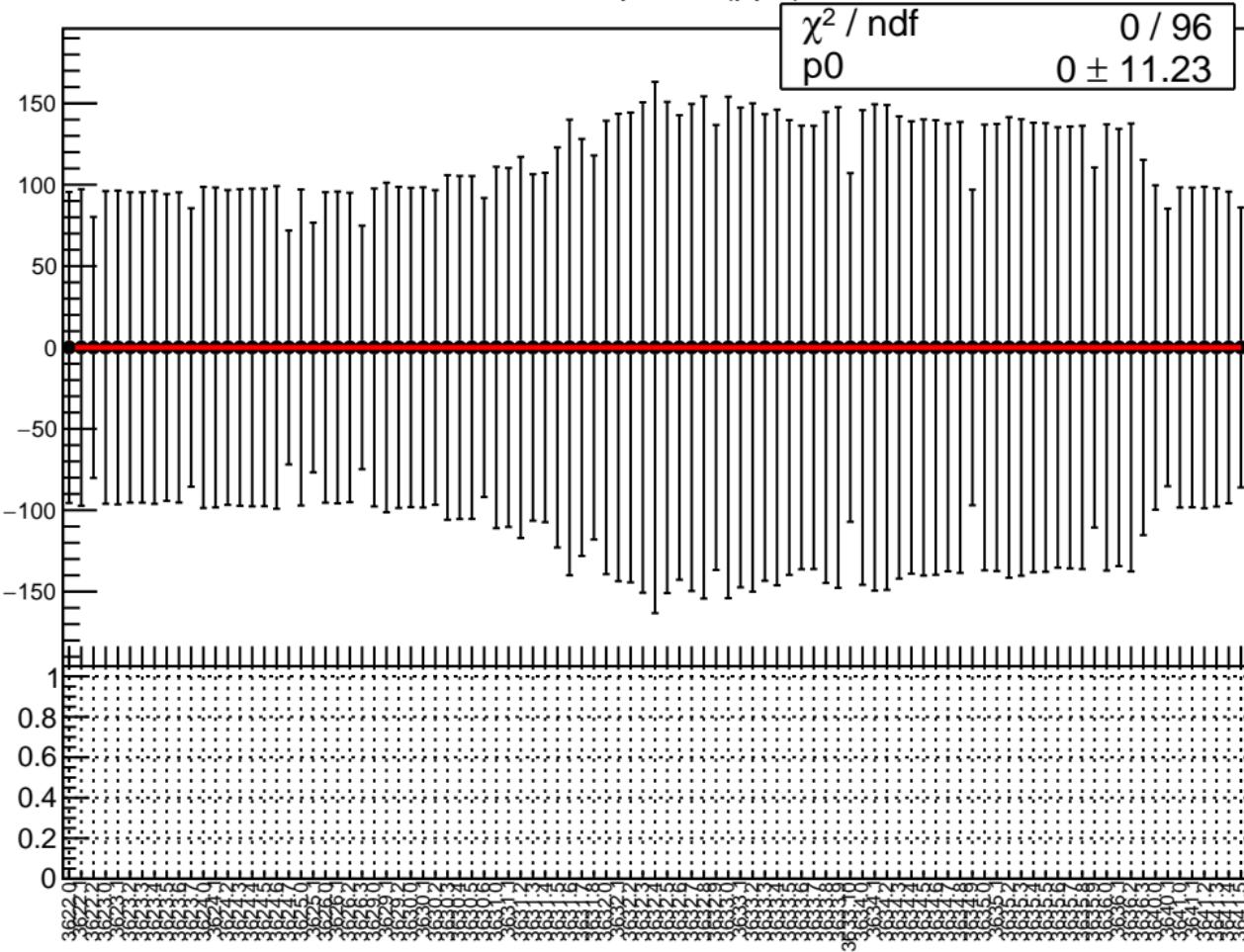
corr_usl_bpm11Y RMS (ppm)

RMS (ppm)

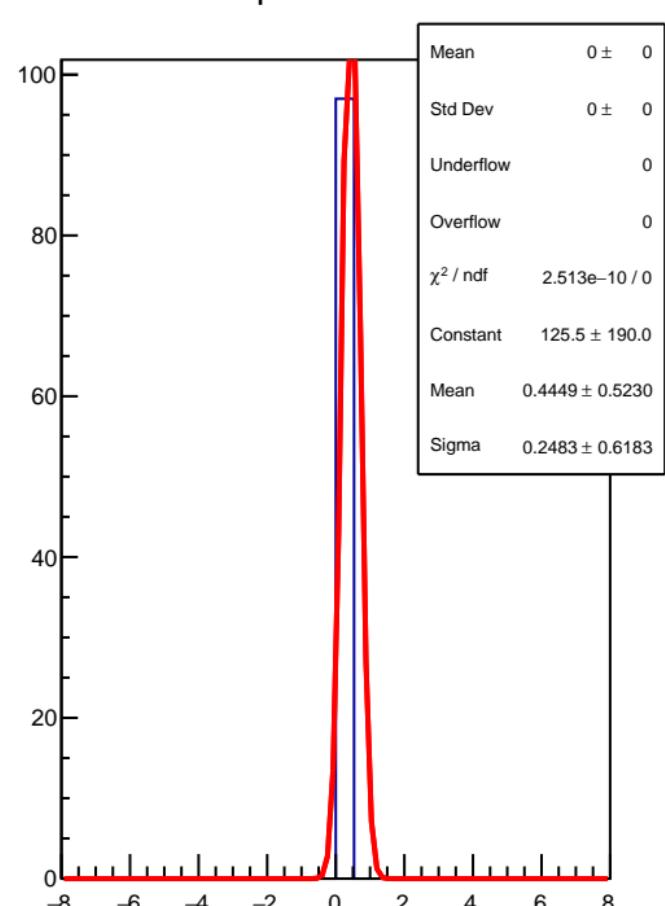


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corr_usl_bpm8X (ppb)

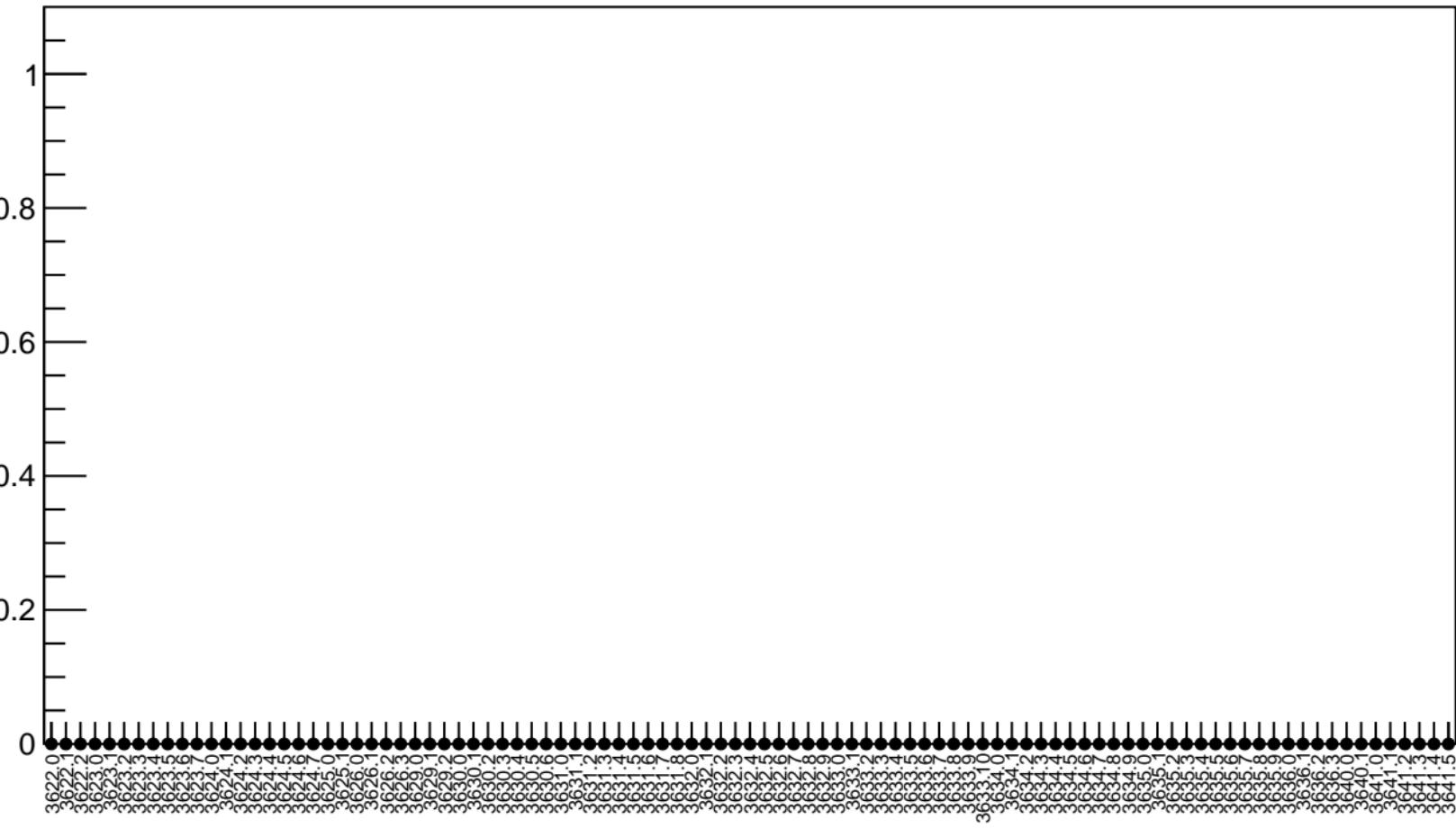


1D pull distribution

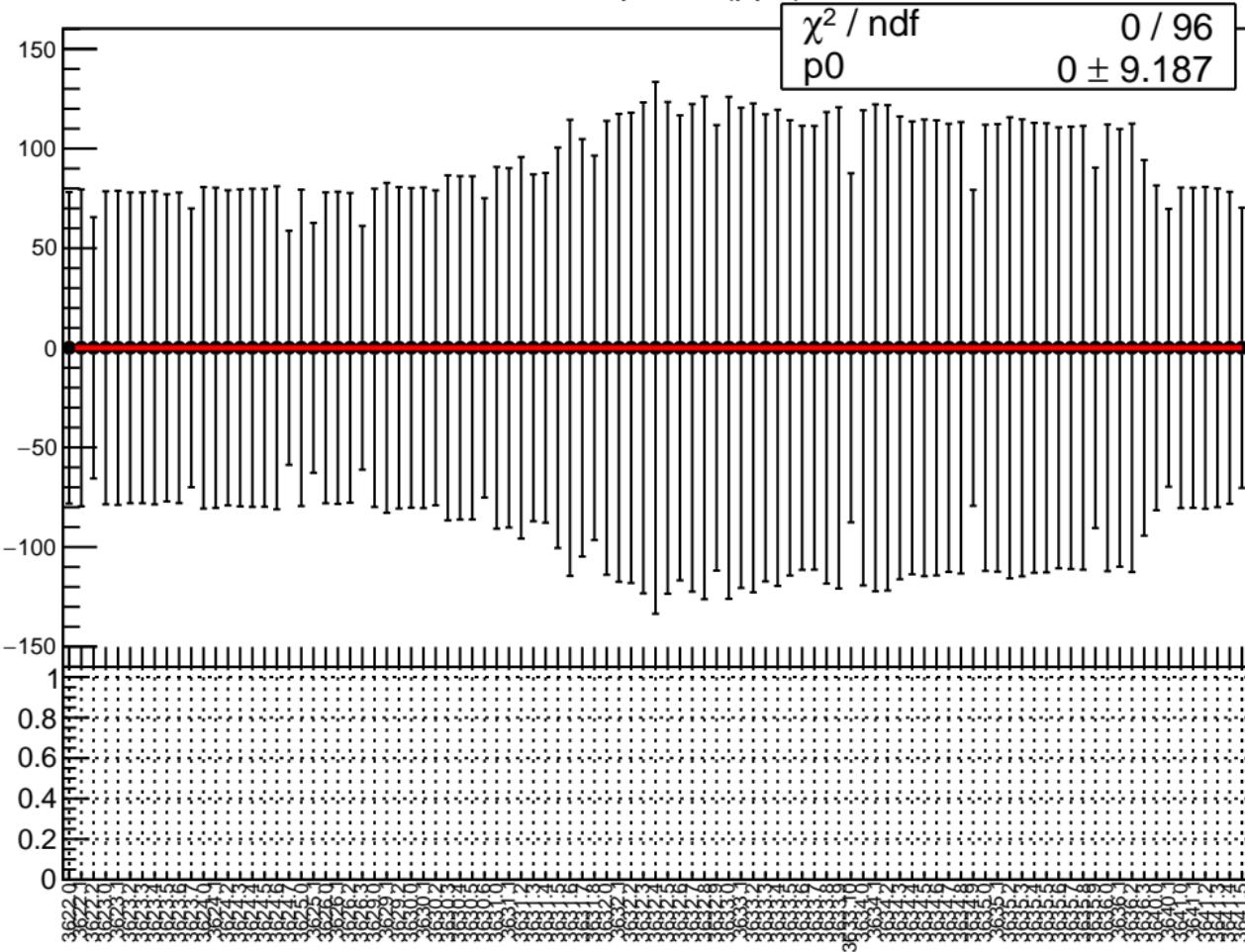


corr_usl_bpm8X RMS (ppm)

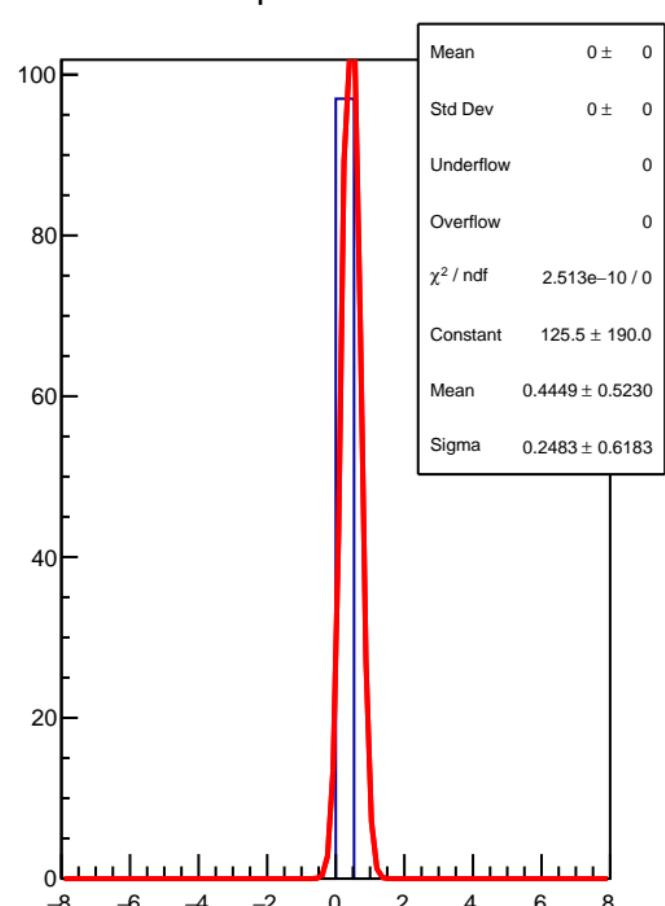
RMS (ppm)



corr_usl_bpm8Y (ppb)



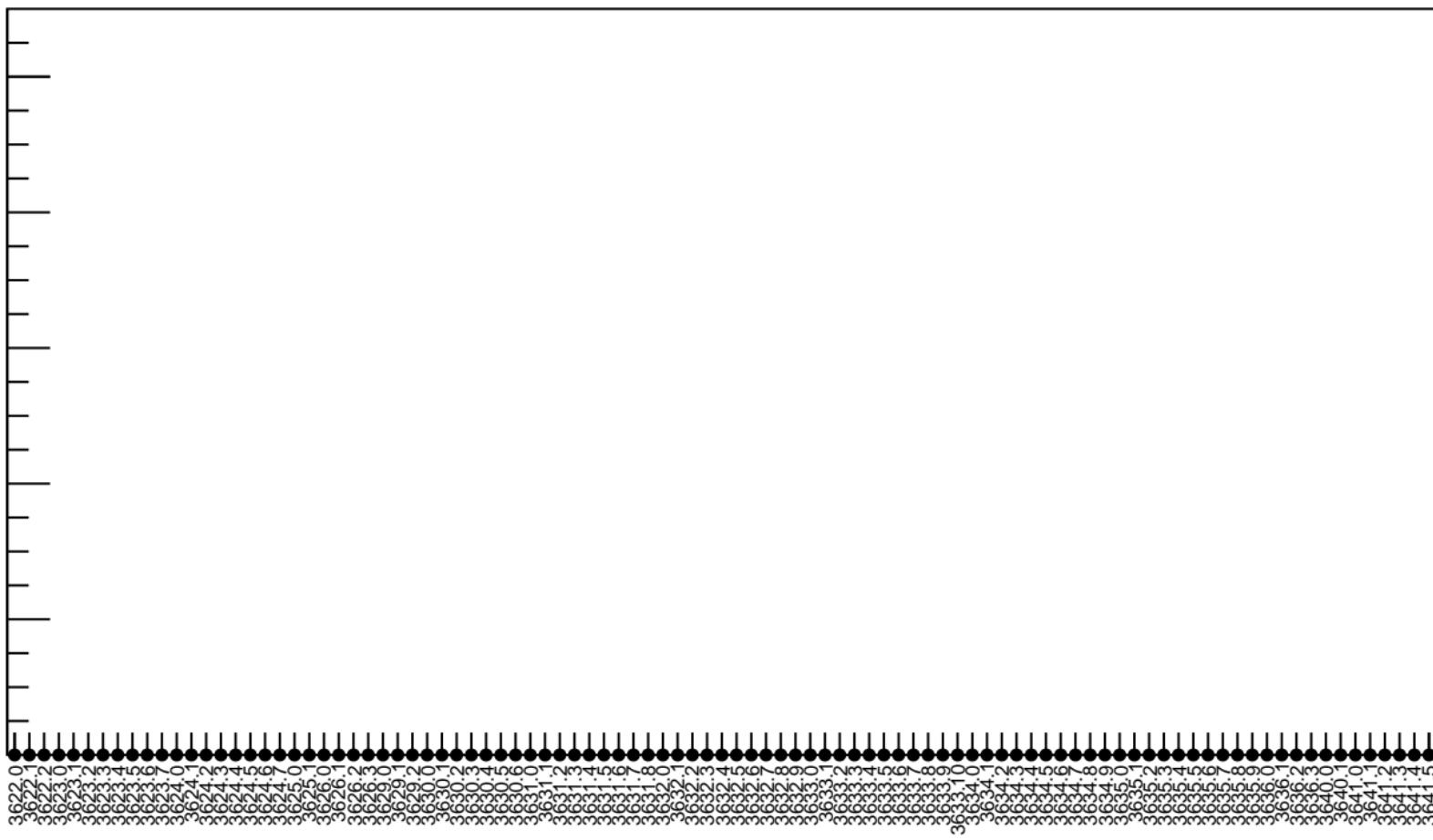
1D pull distribution

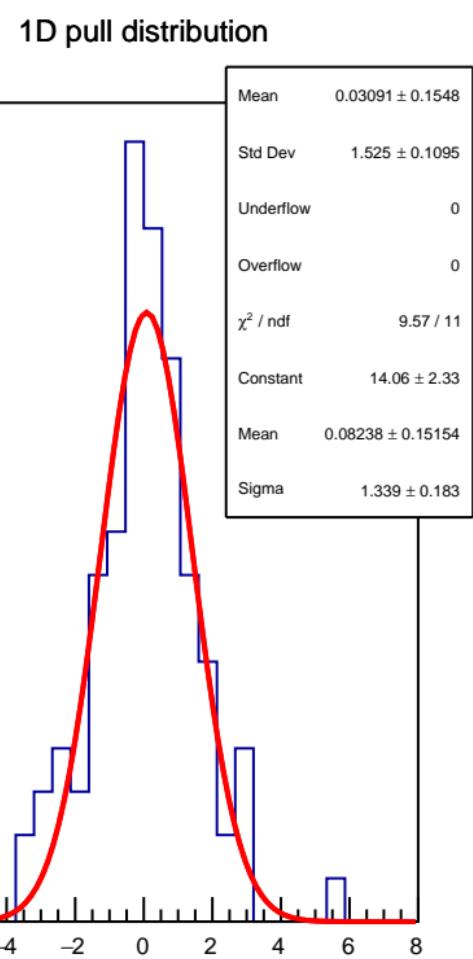
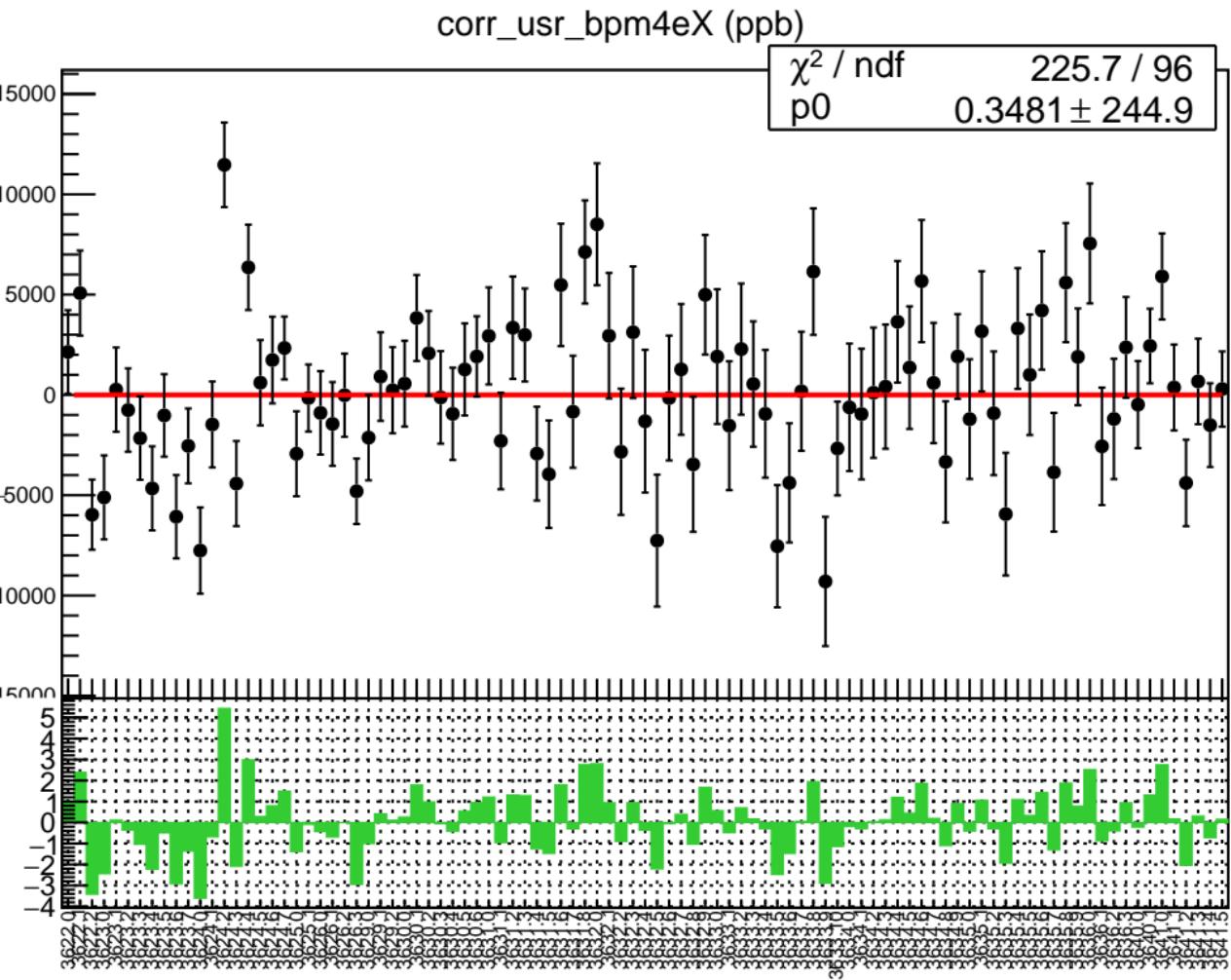


corr_usl_bpm8Y RMS (ppm)

RMS (ppm)

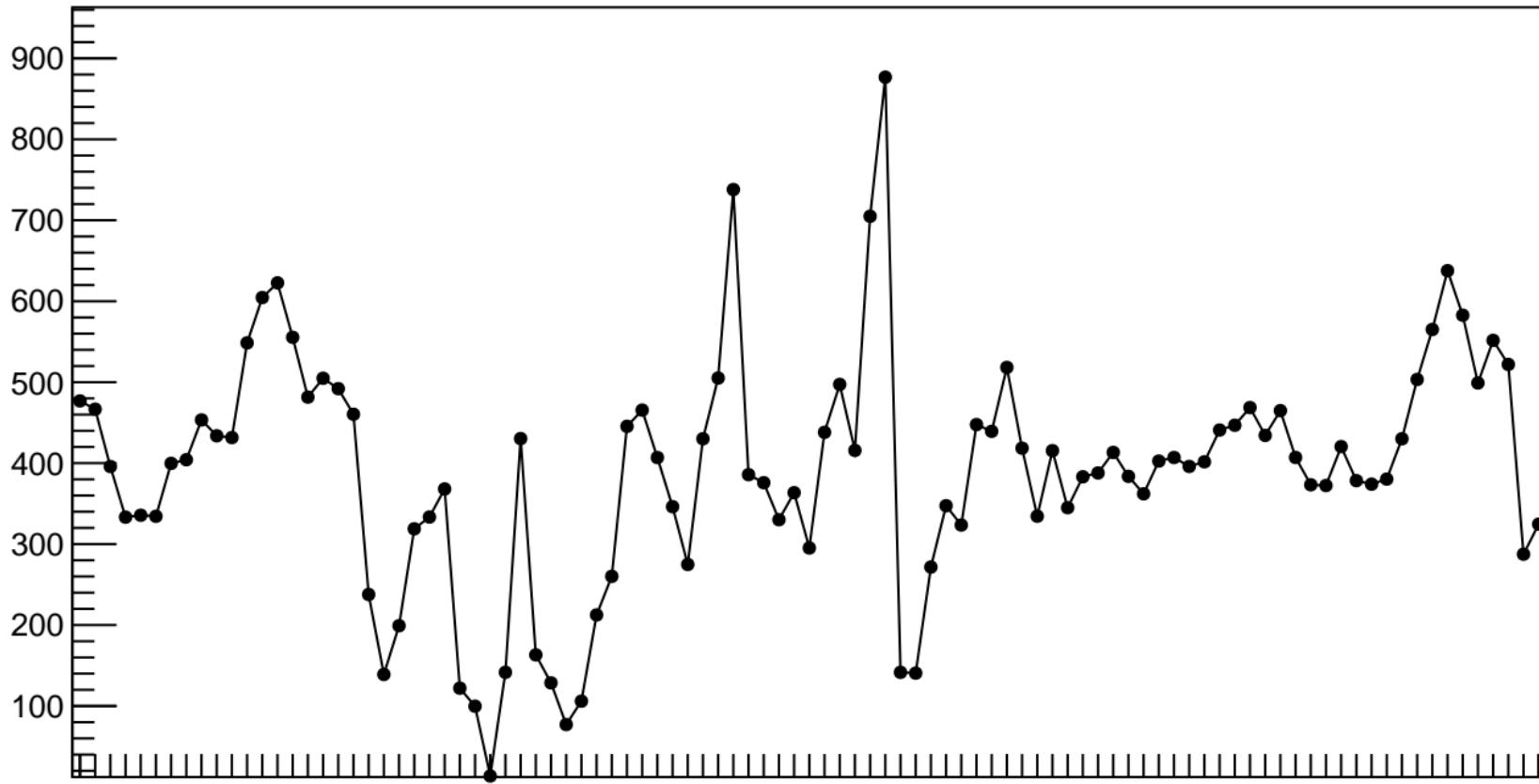
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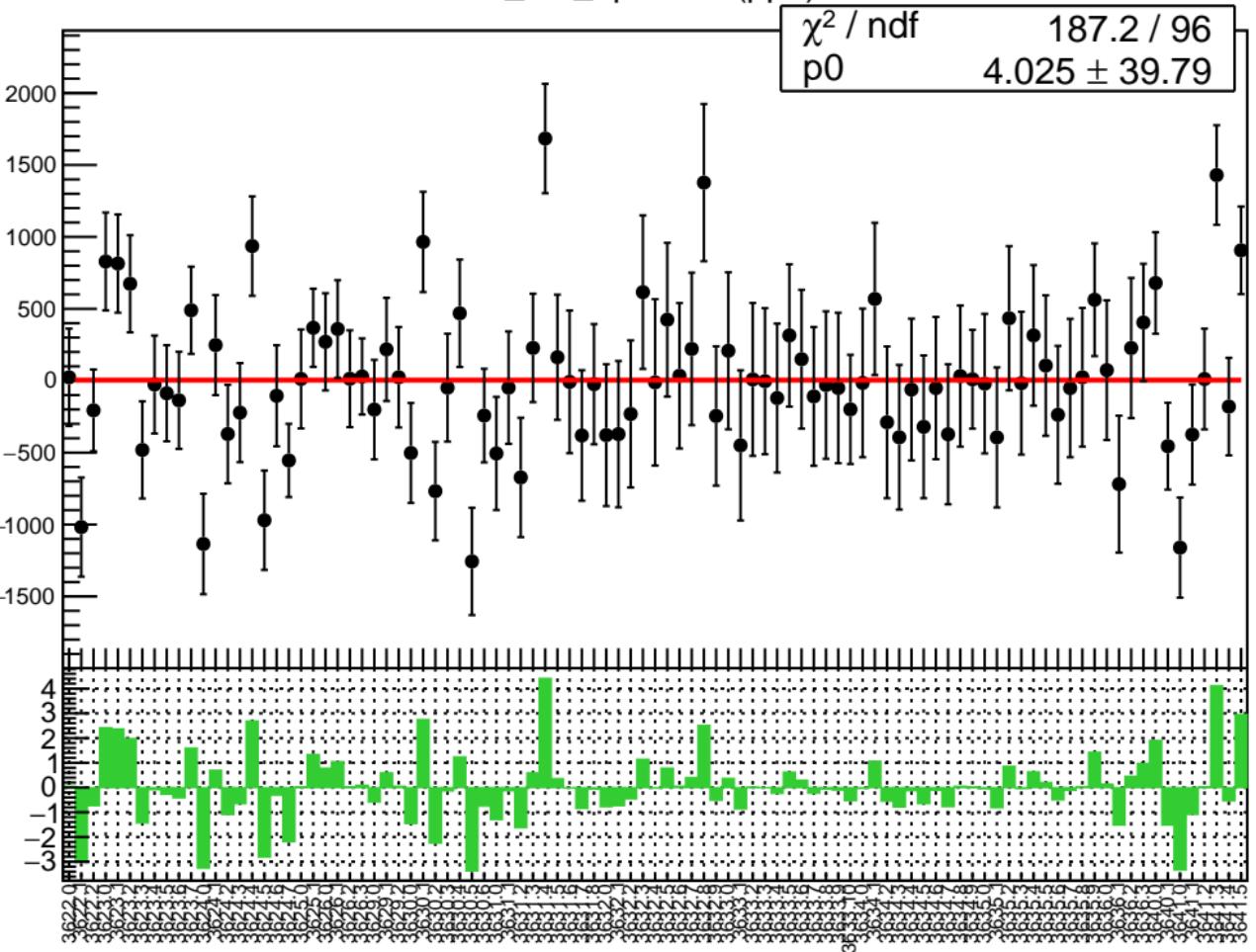
corr_usr_bpm4eX RMS (ppm)

RMS (ppm)

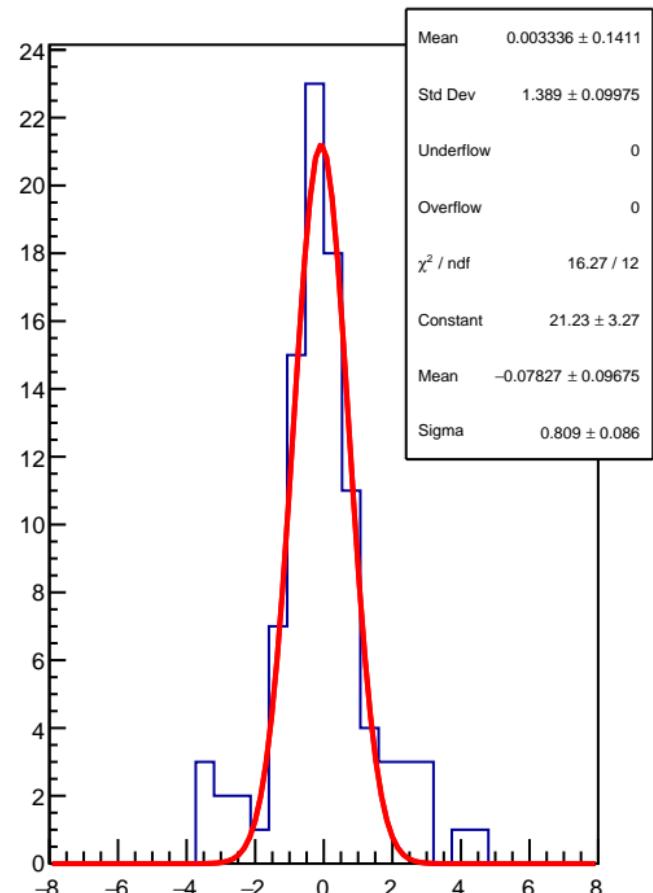


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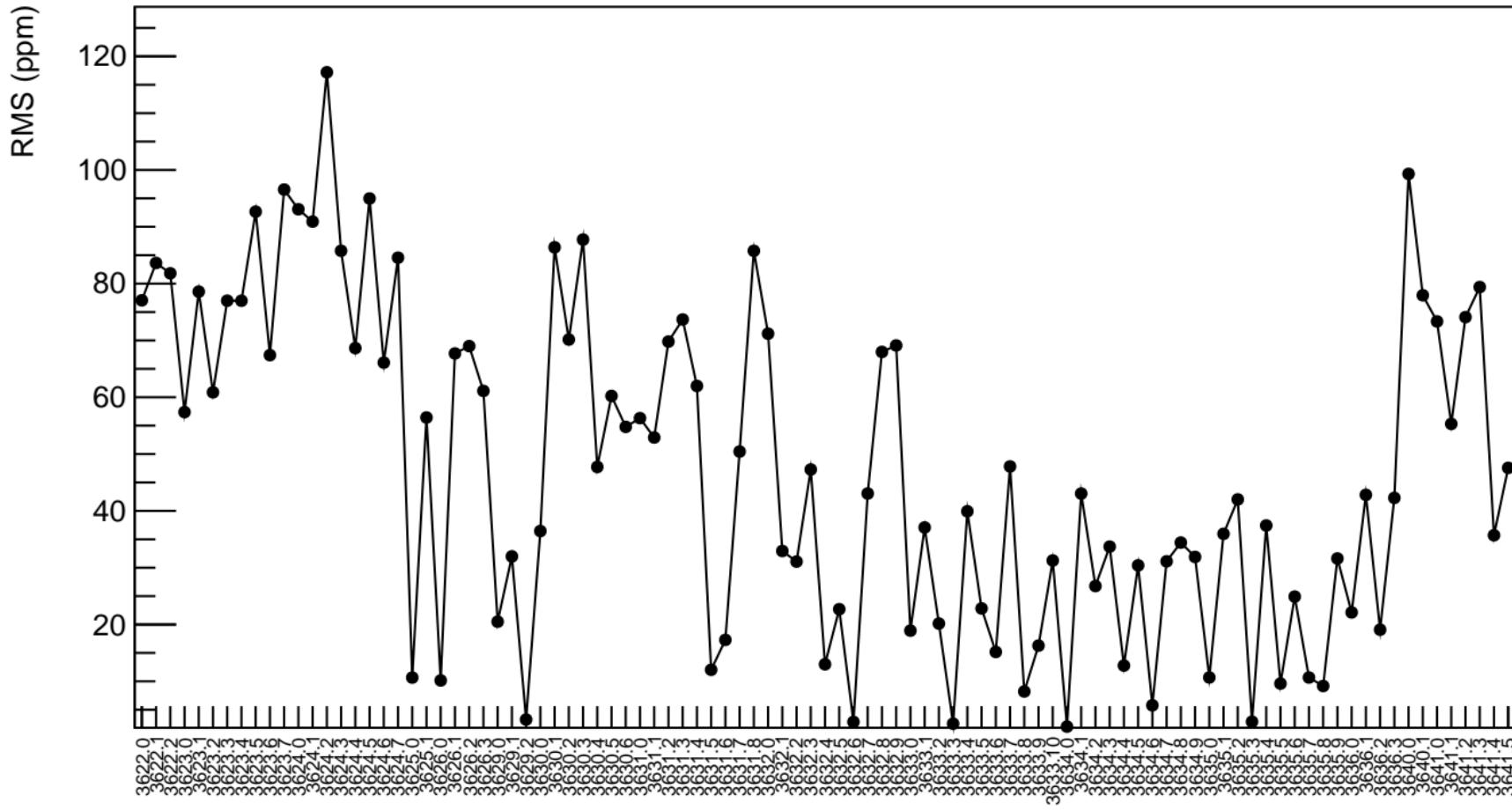
corr_usr_bpm4eY (ppb)



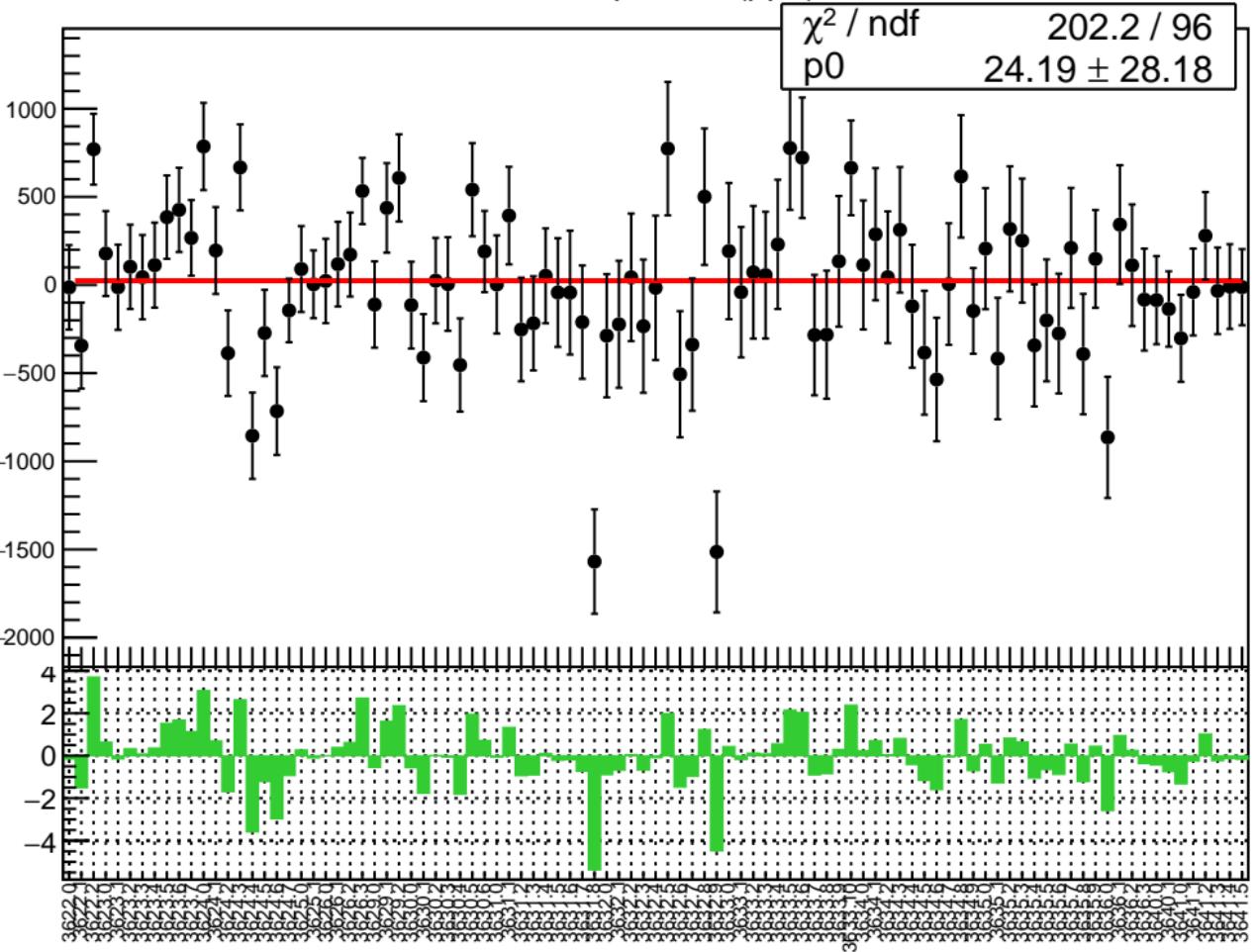
1D pull distribution



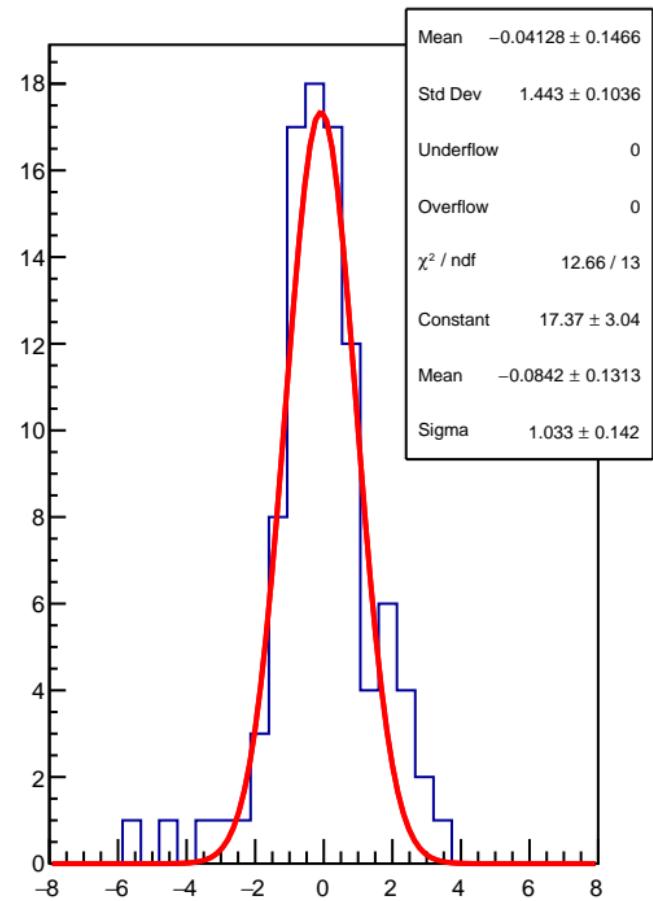
corr_usr_bpm4eY RMS (ppm)



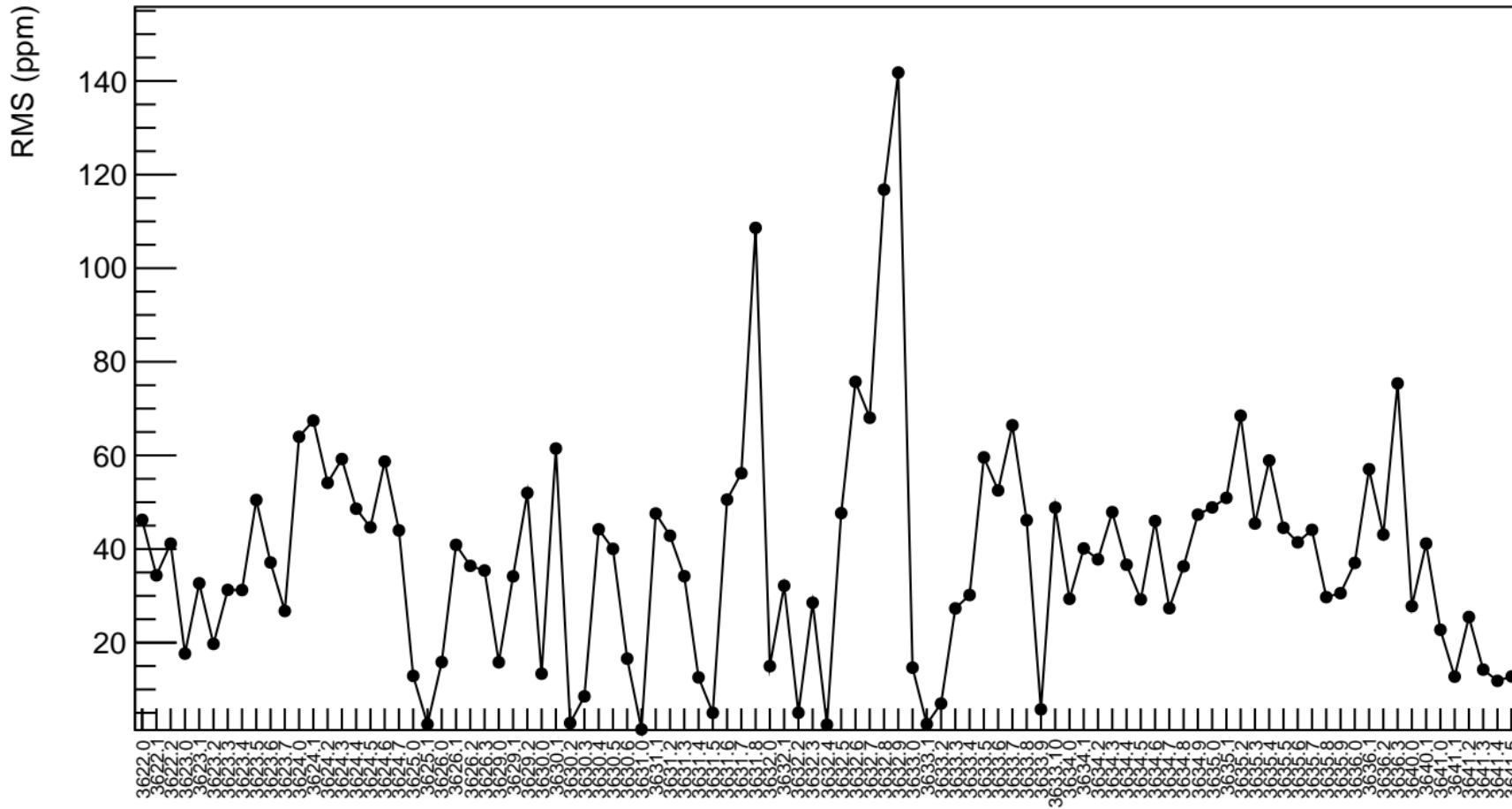
corr_usr_bpm4aX (ppb)



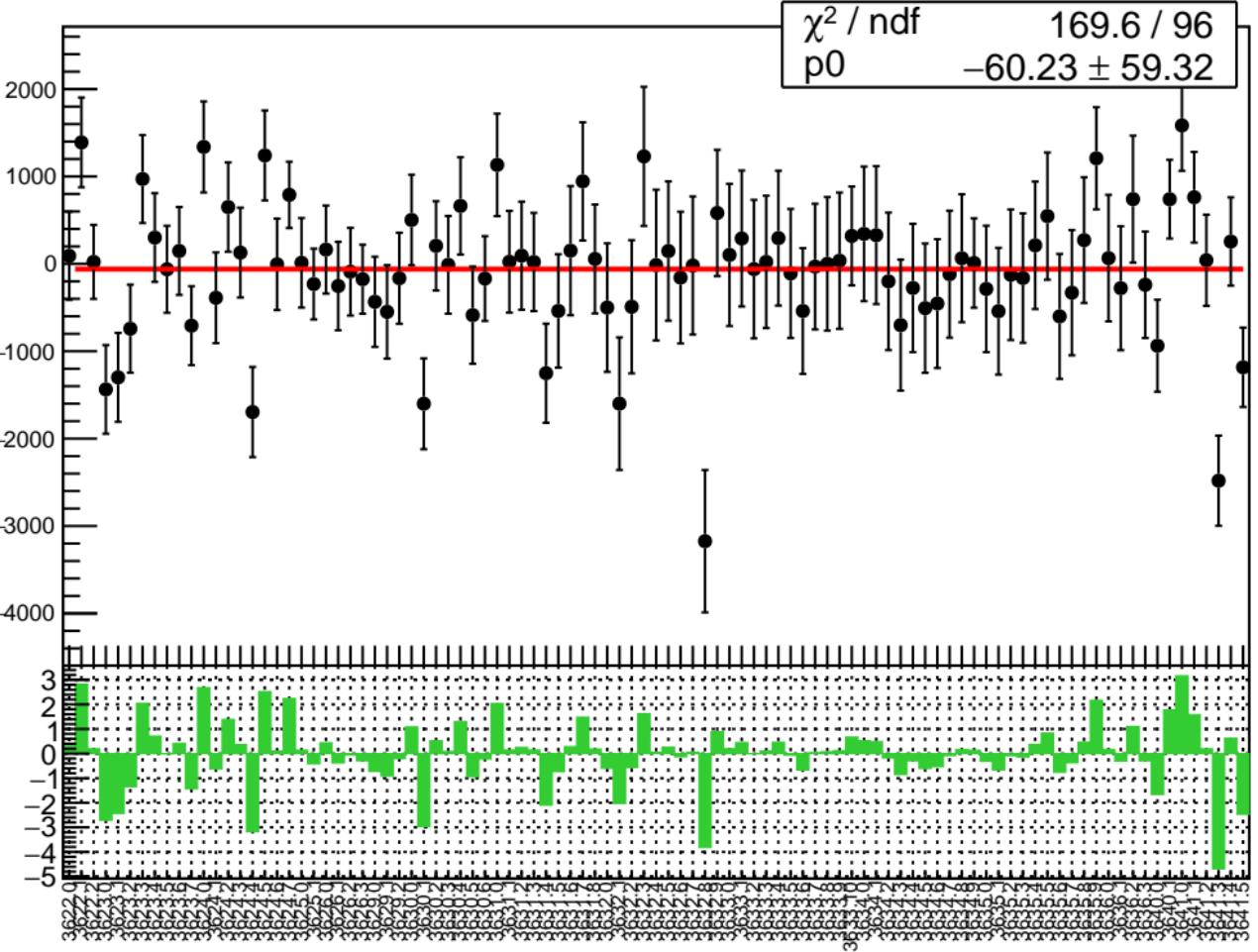
1D pull distribution



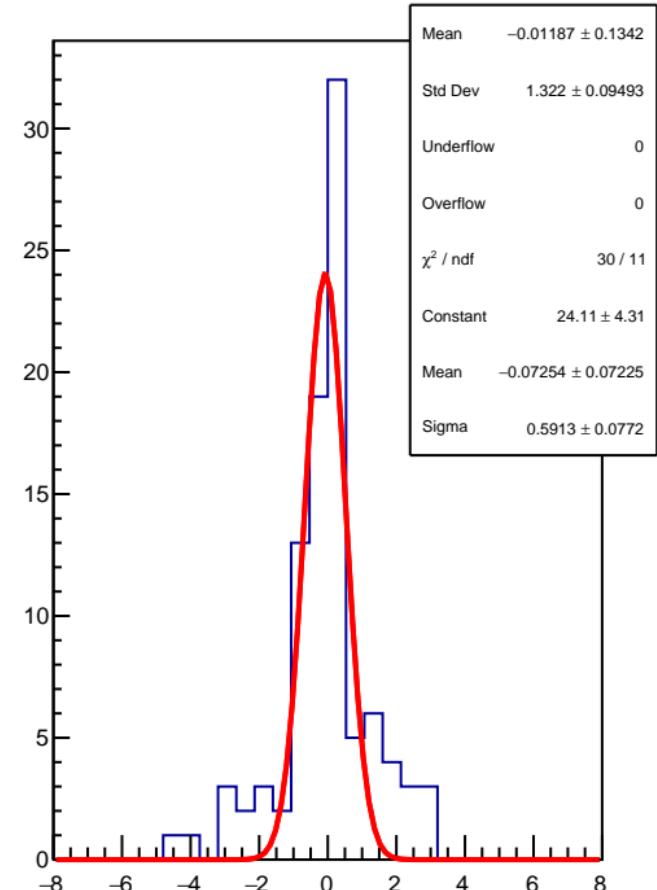
corr_usr_bpm4aX RMS (ppm)



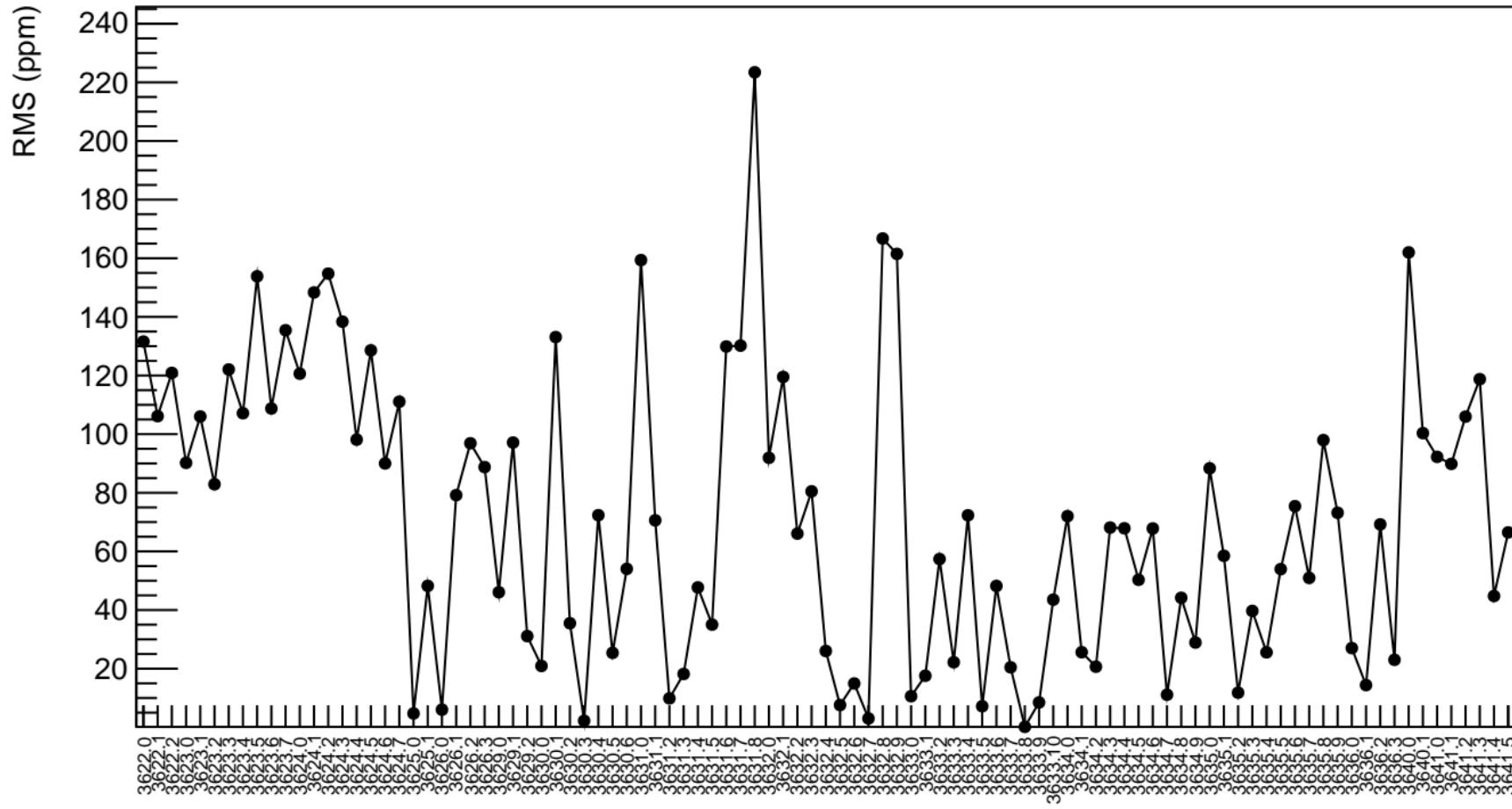
corr_usr_bpm4aY (ppb)



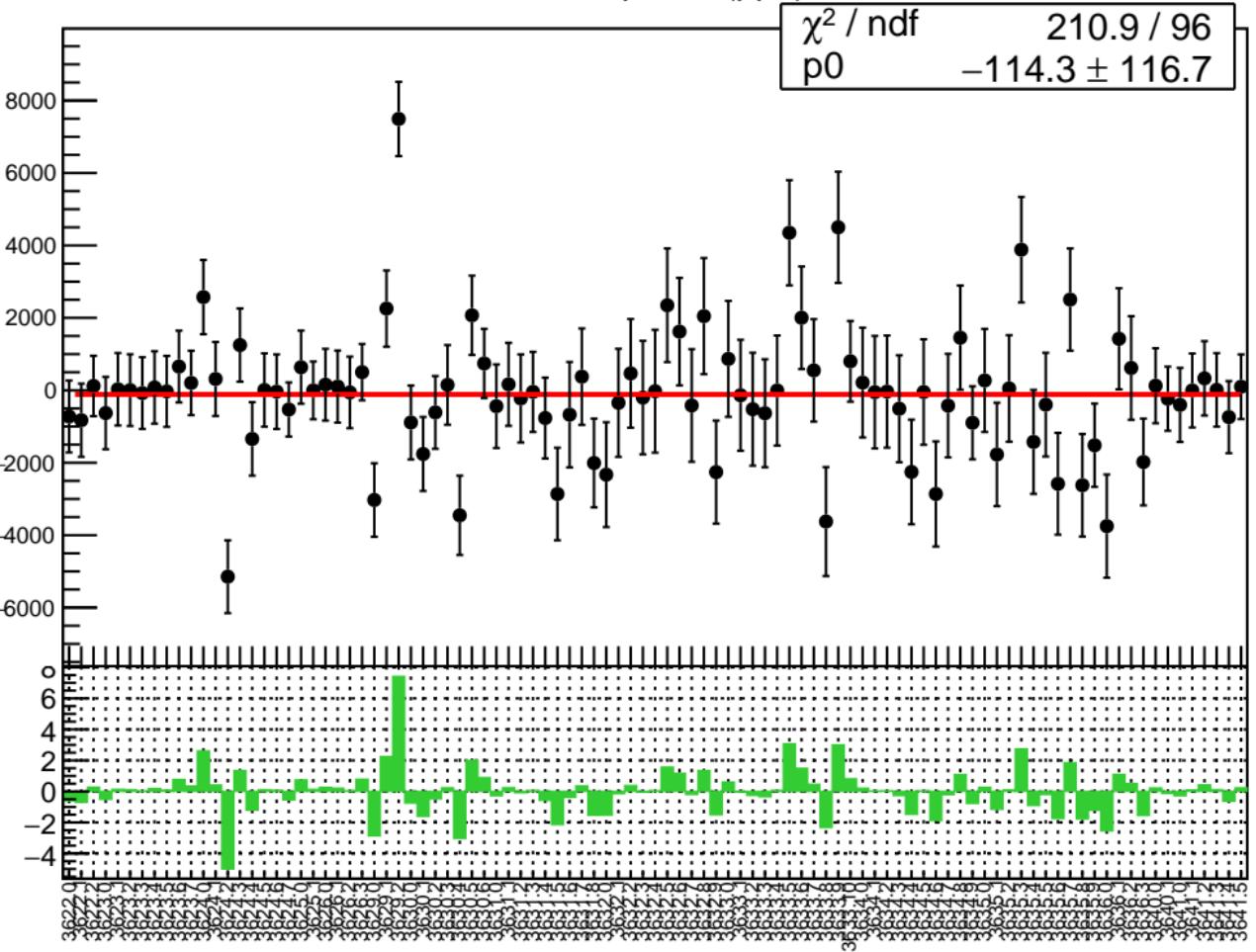
1D pull distribution



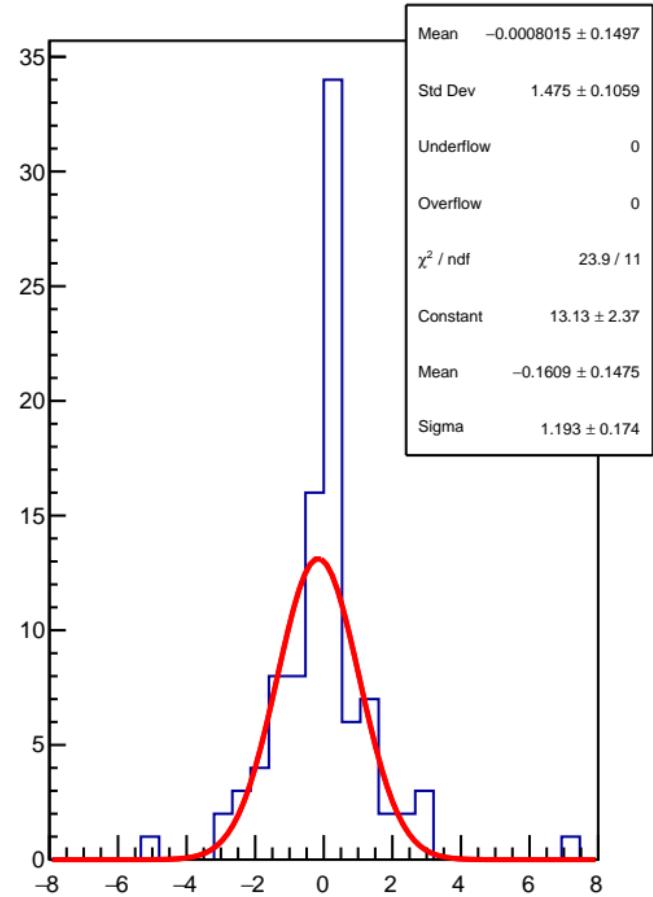
corr_usr_bpm4aY RMS (ppm)



corr_usr_bpm1X (ppb)

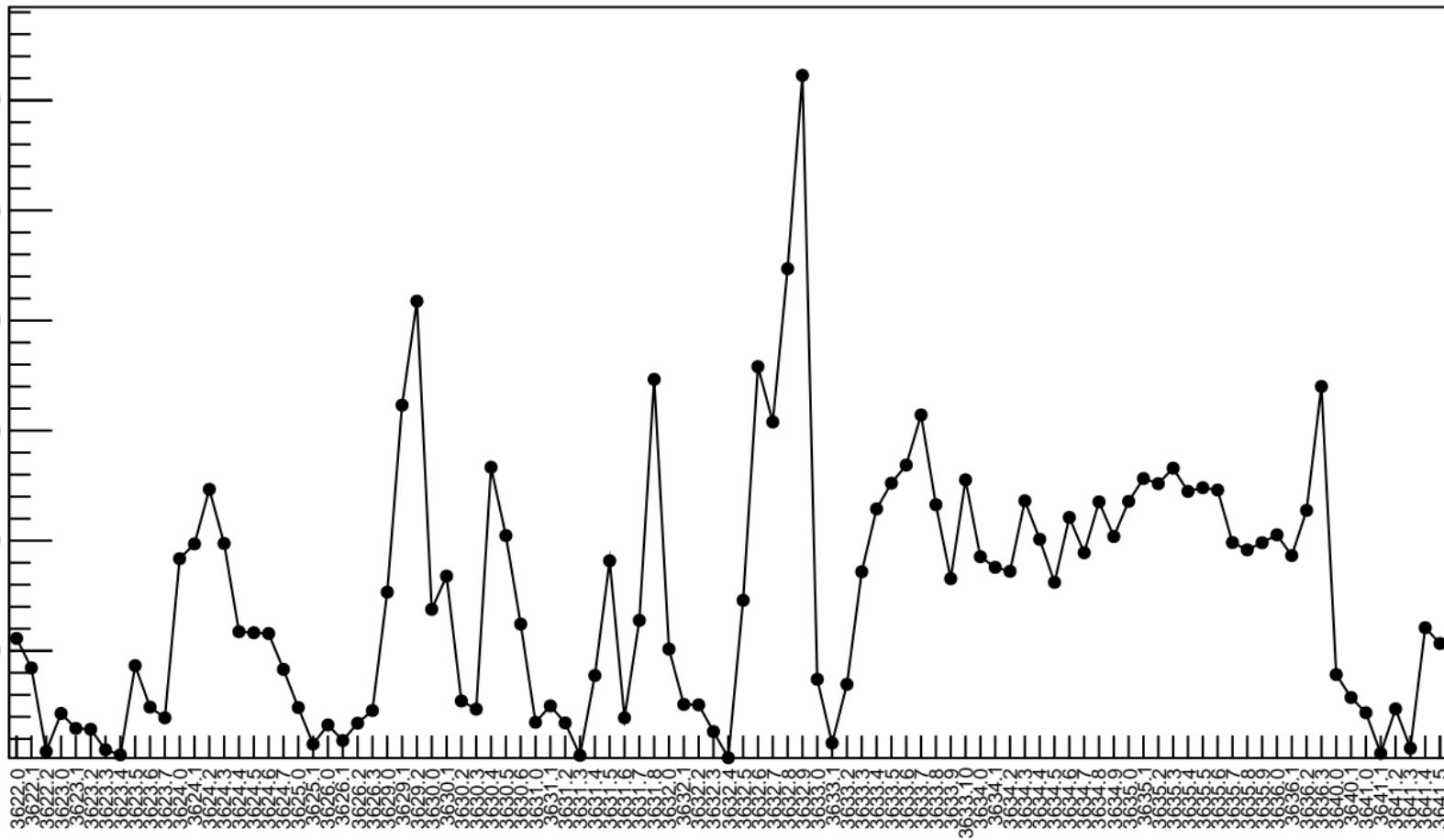


1D pull distribution

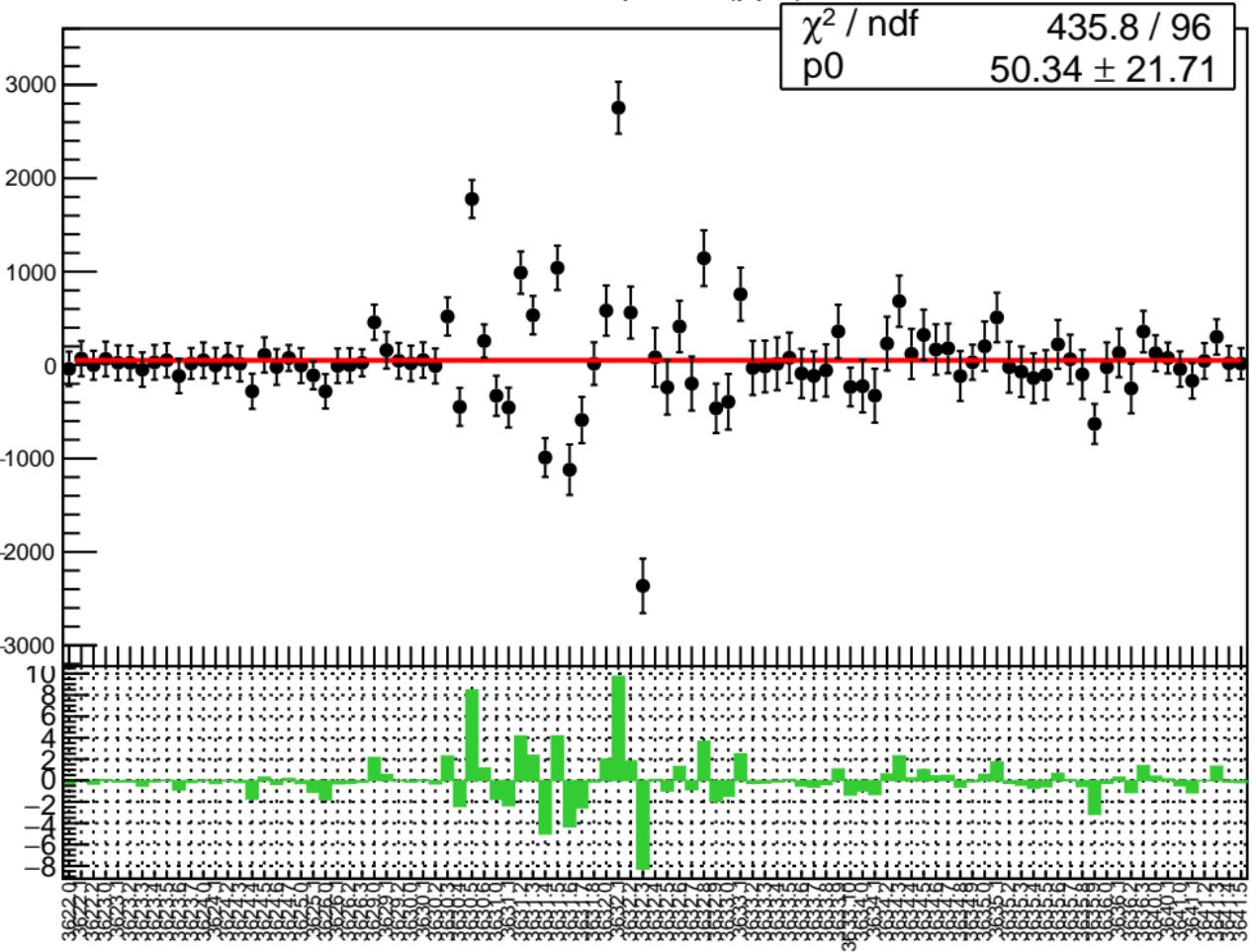


corr_usr_bpm1X RMS (ppm)

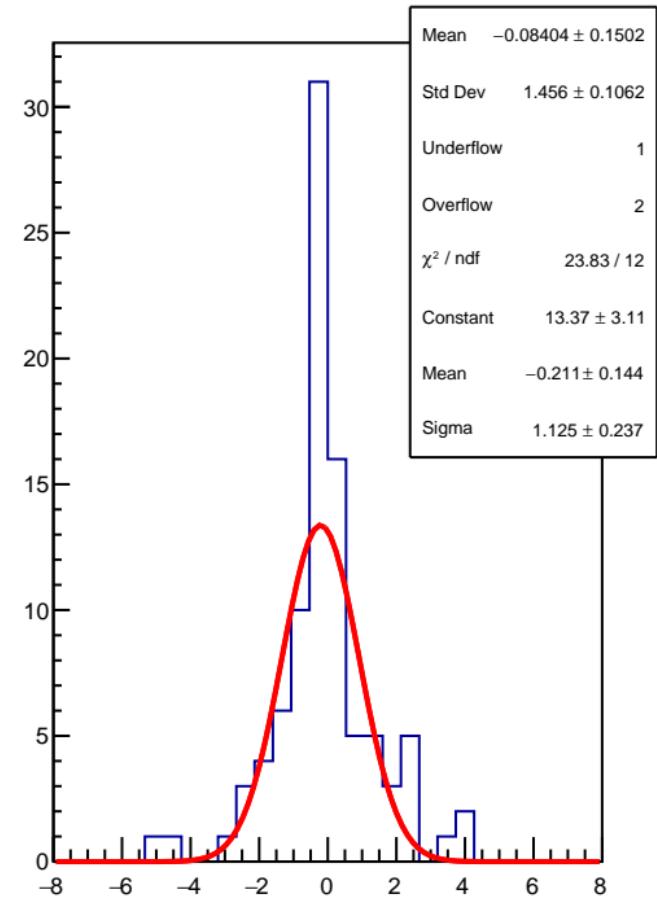
RMS (ppm)



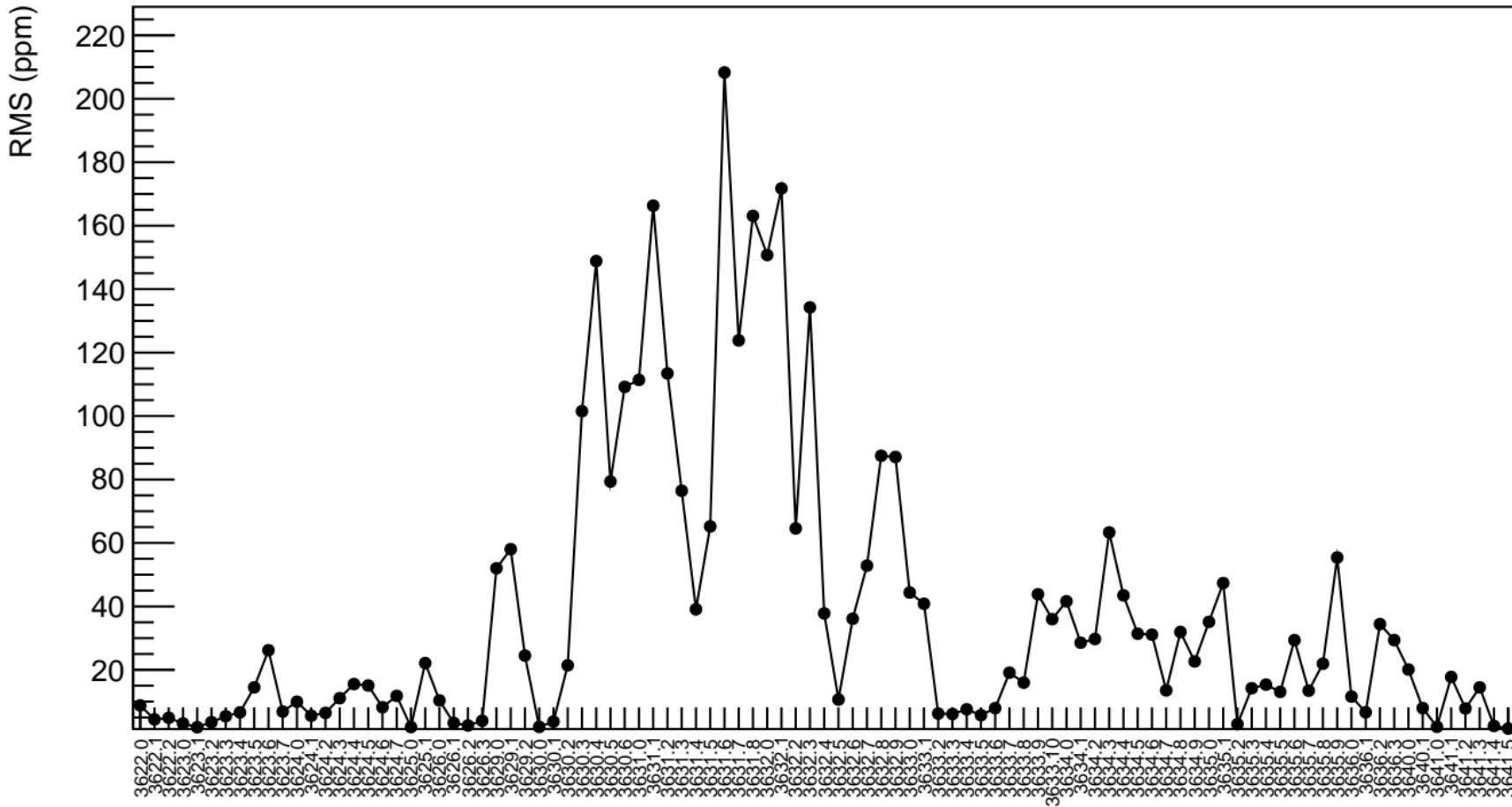
corr_usr_bpm1Y (ppb)



1D pull distribution

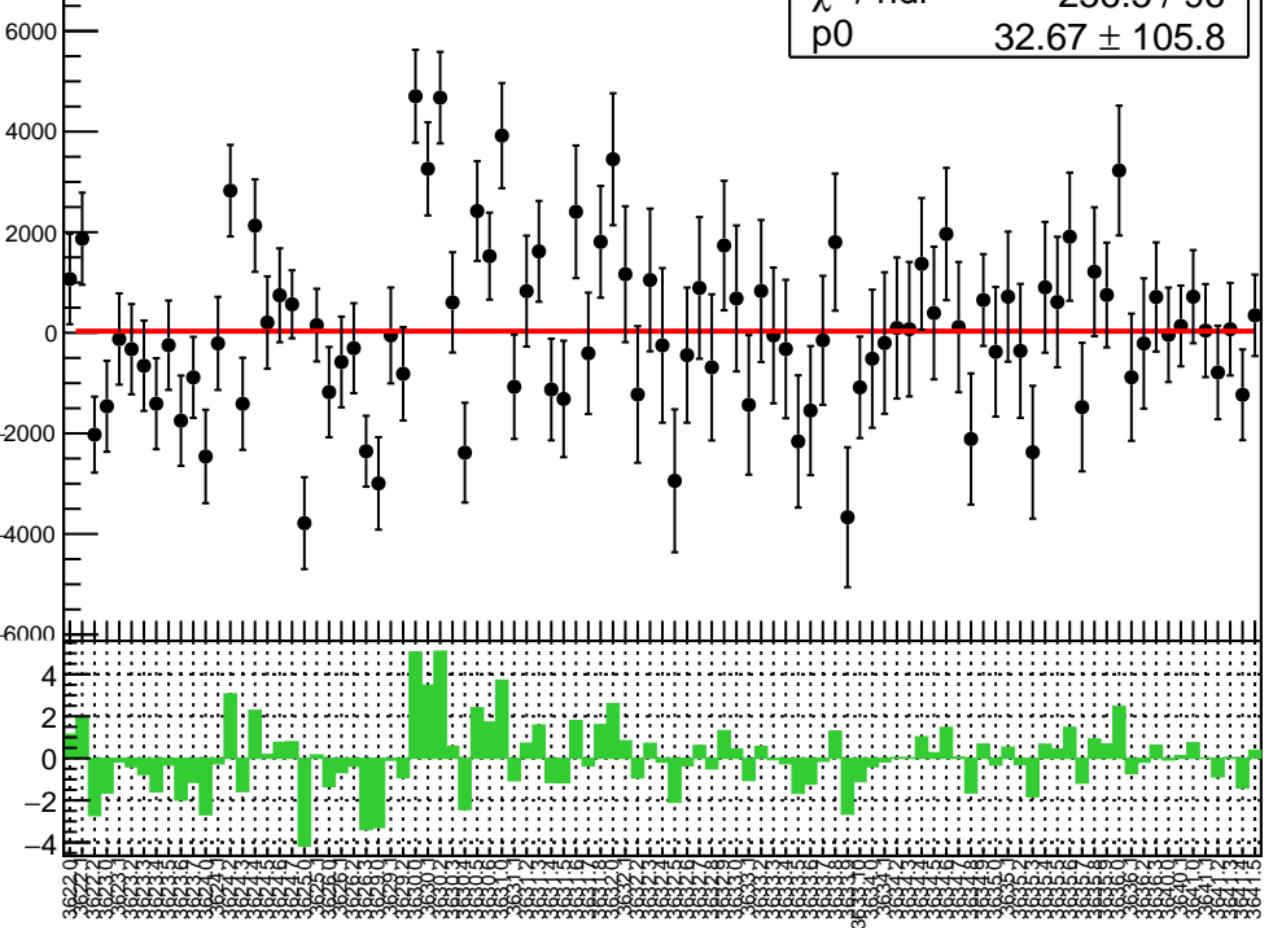


corr_usr_bpm1Y RMS (ppm)

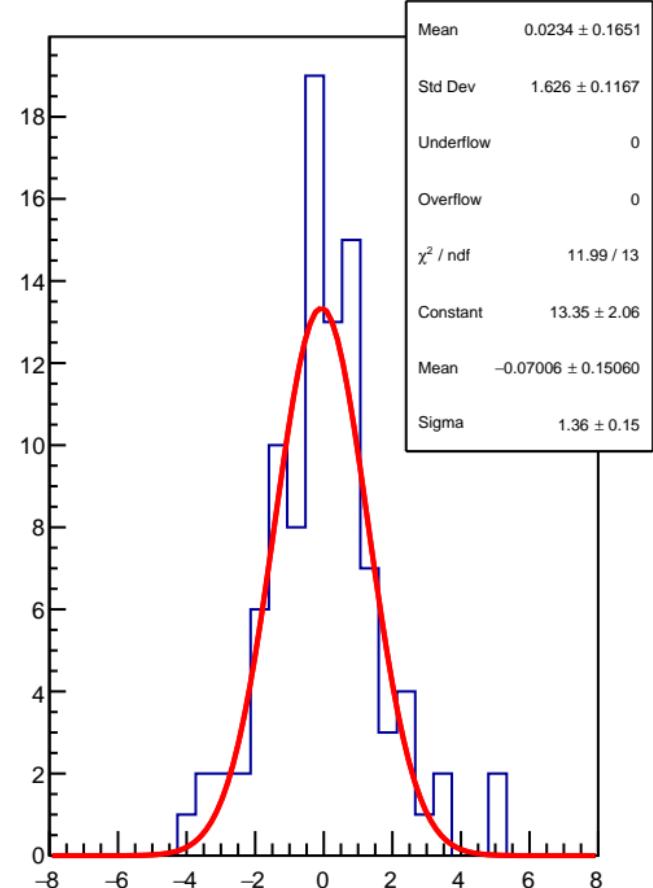


corr_usr_bpm16X (ppb)

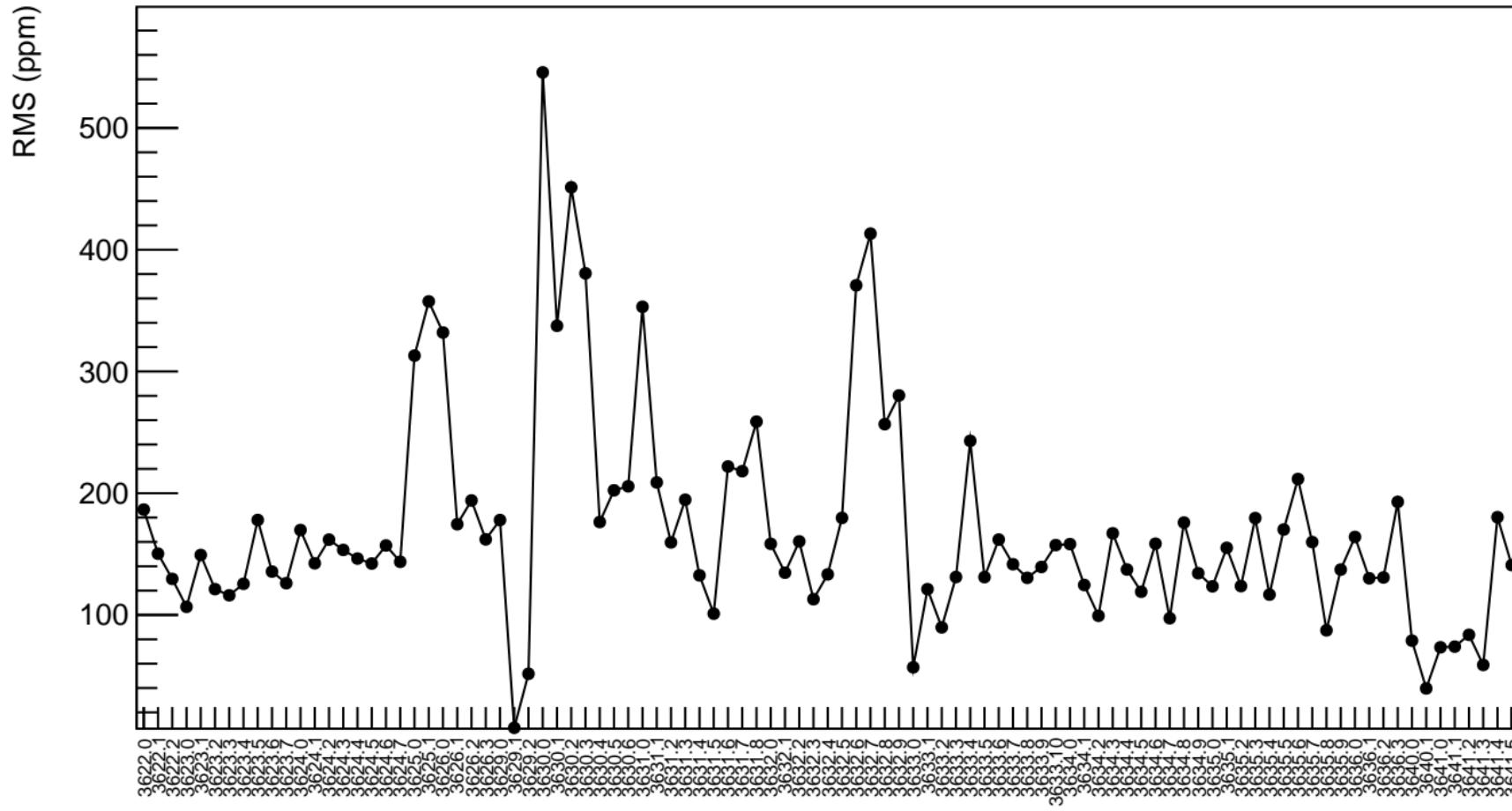
χ^2 / ndf 256.5 / 96
p0 32.67 ± 105.8



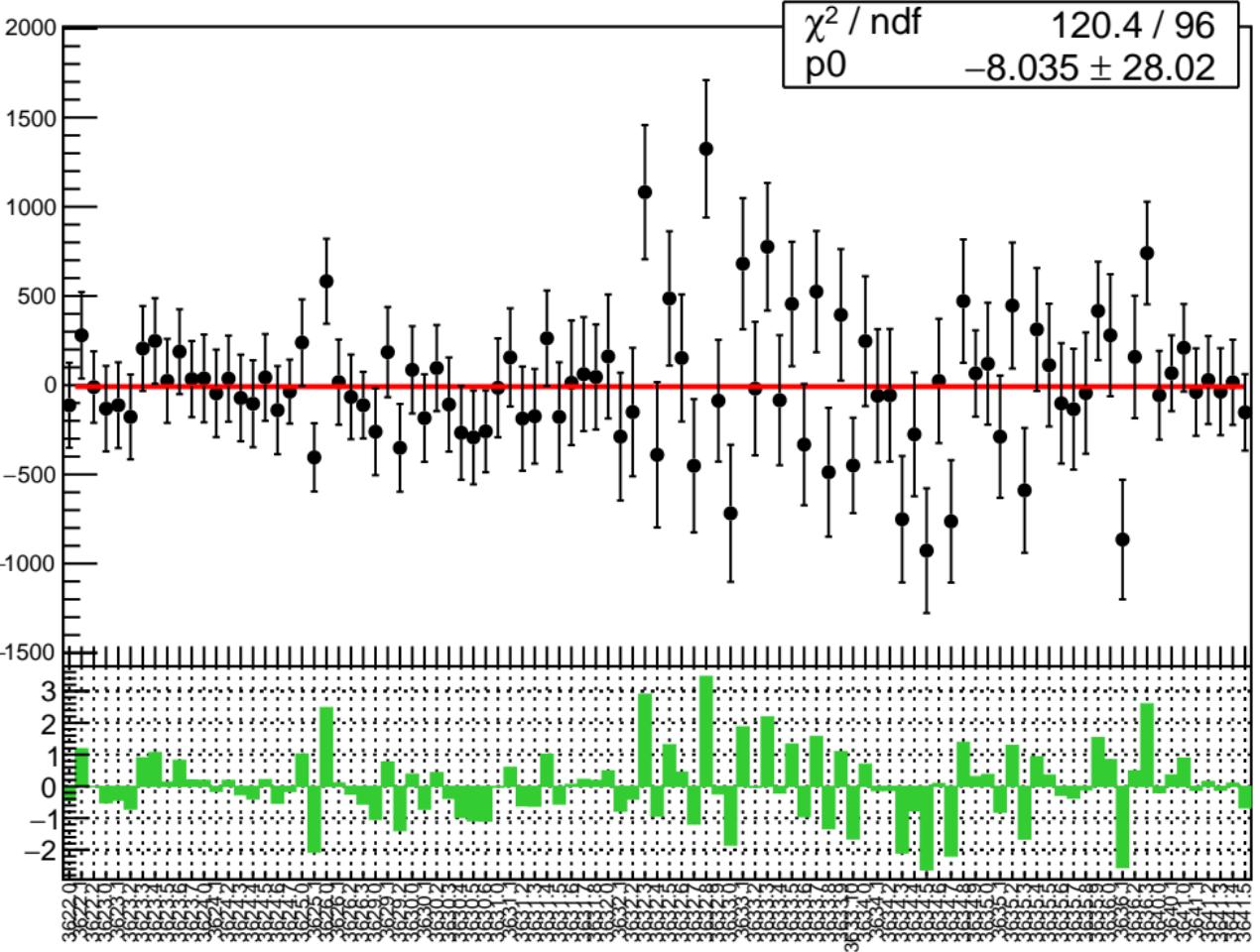
1D pull distribution



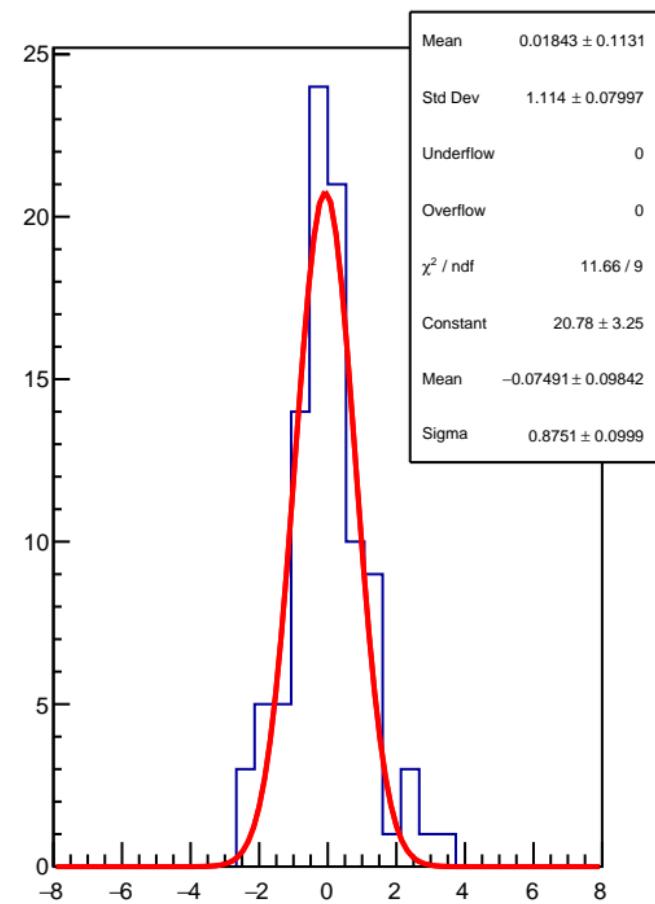
corr_usr_bpm16X RMS (ppm)



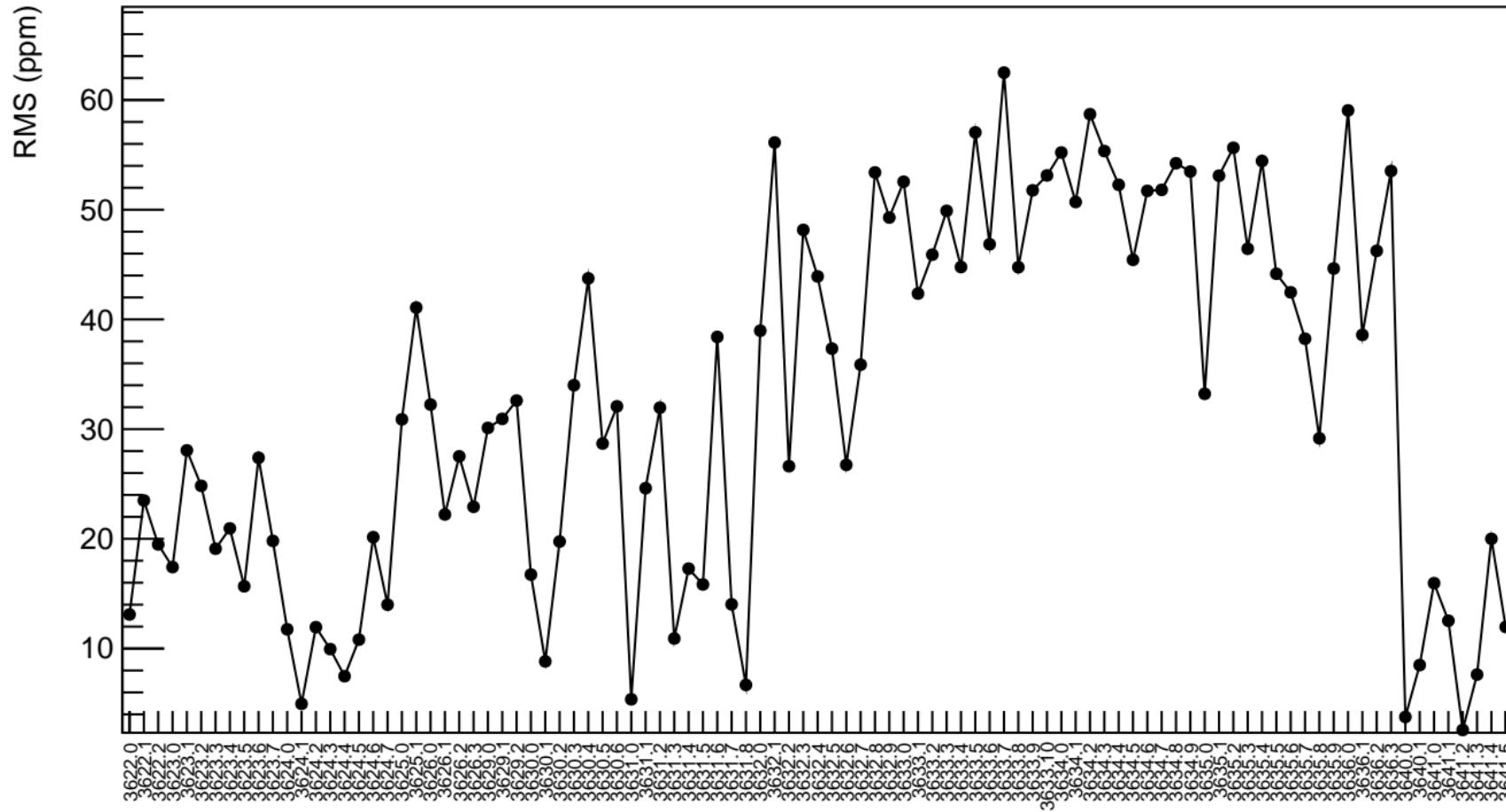
corr_usr_bpm16Y (ppb)



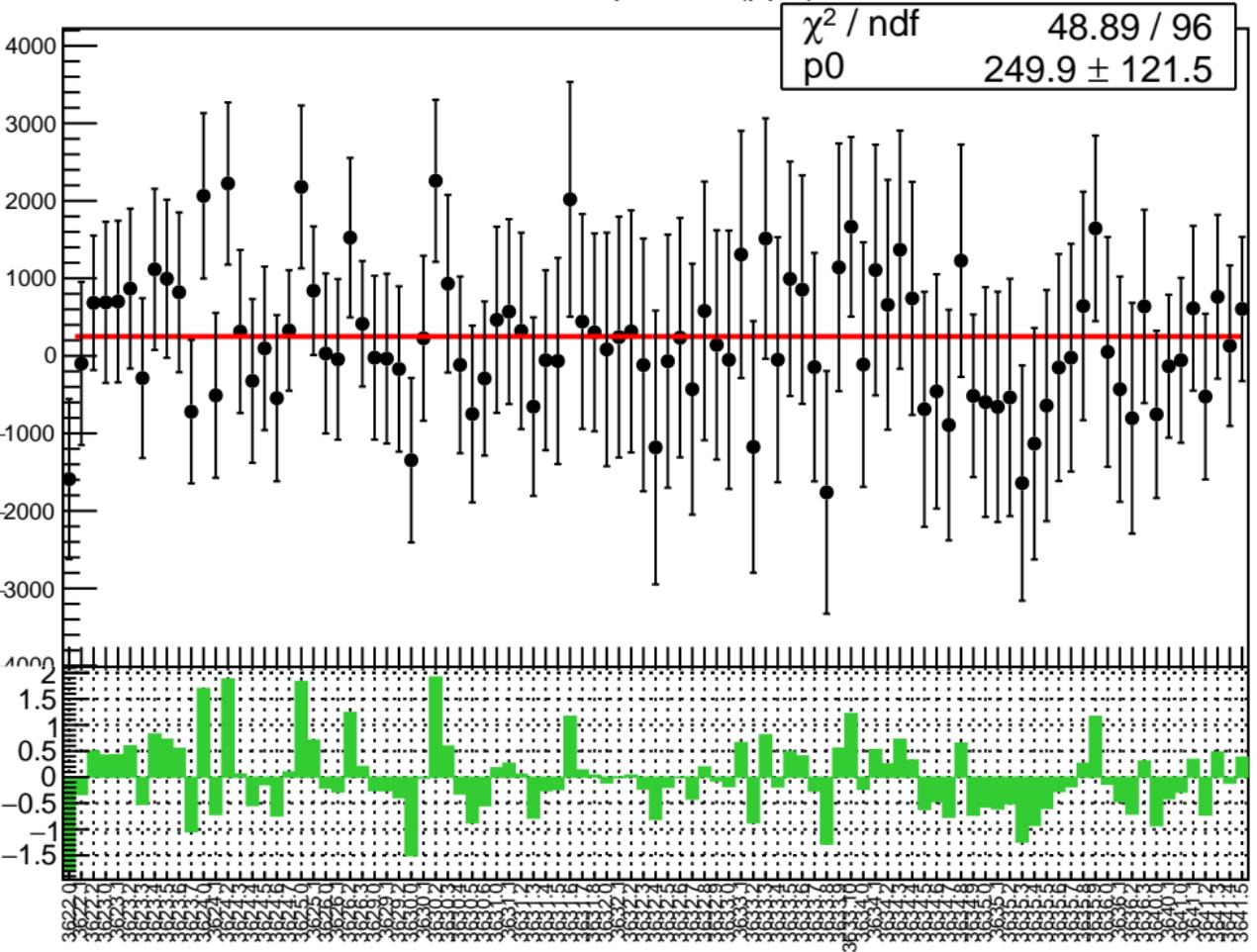
1D pull distribution



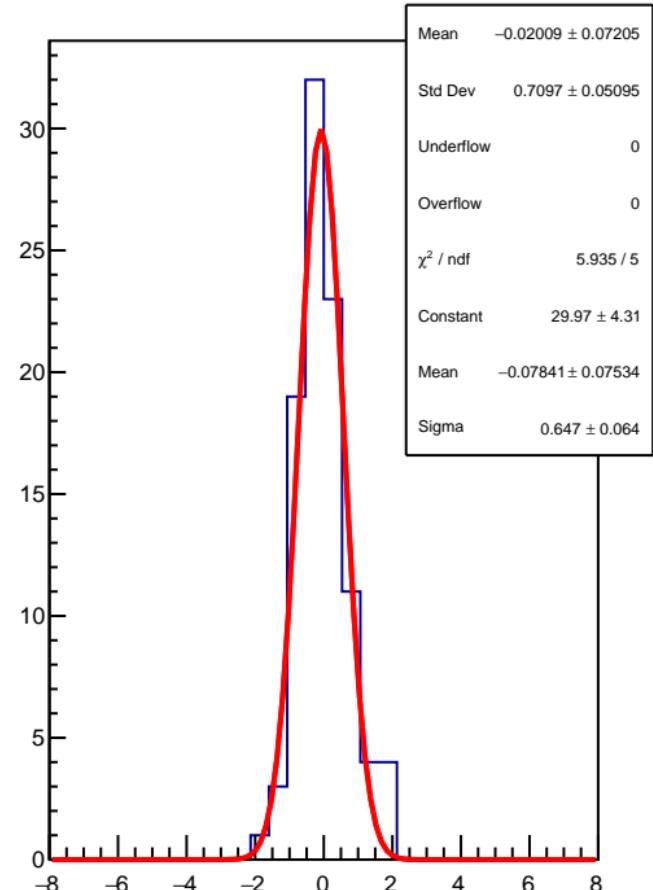
corr_usr_bpm16Y RMS (ppm)



corr_usr_bpm12X (ppb)

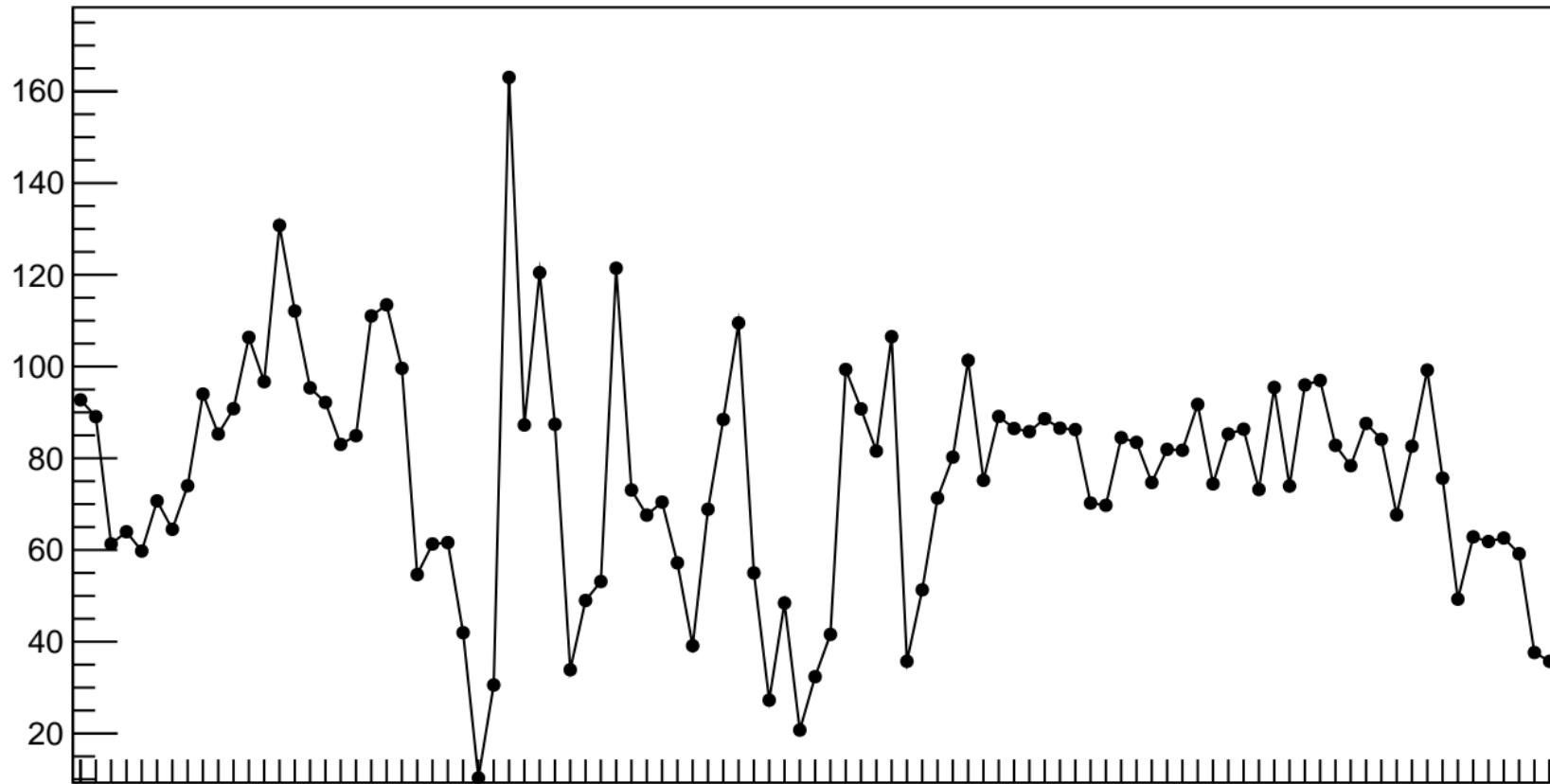


1D pull distribution



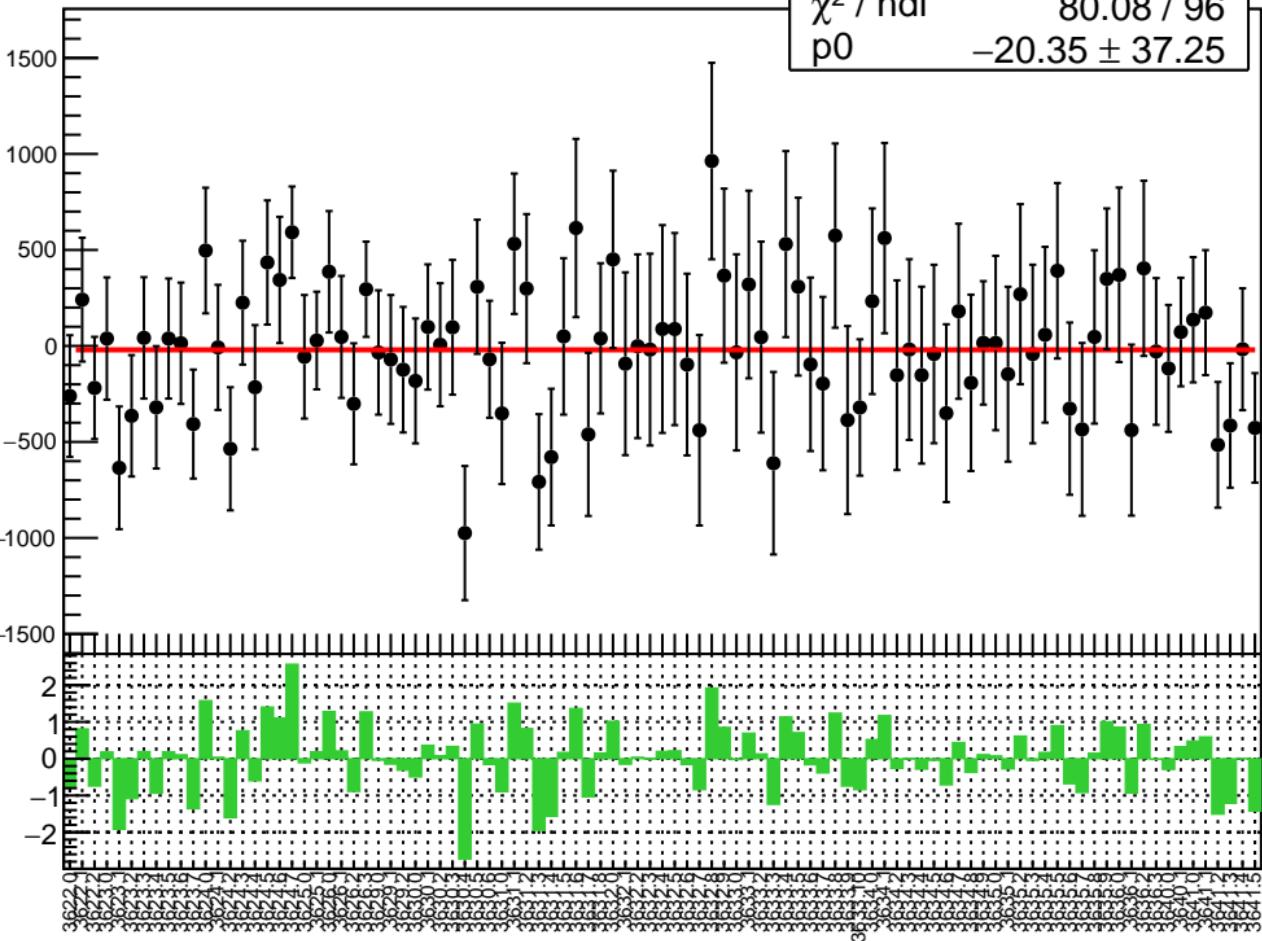
corr_usr_bpm12X RMS (ppm)

RMS (ppm)

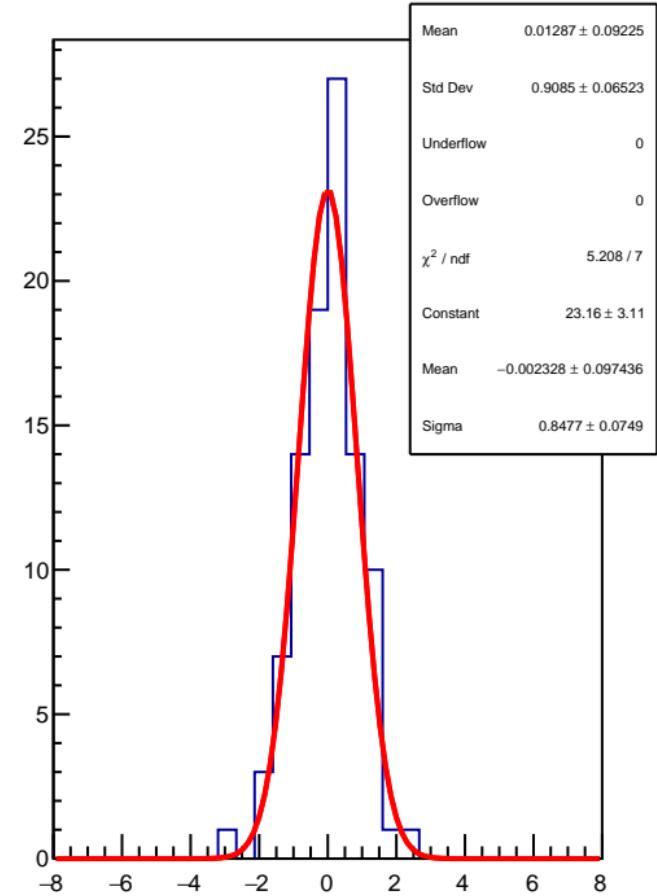


corr_usr_bpm12Y (ppb)

χ^2 / ndf 80.08 / 96
p0 -20.35 ± 37.25

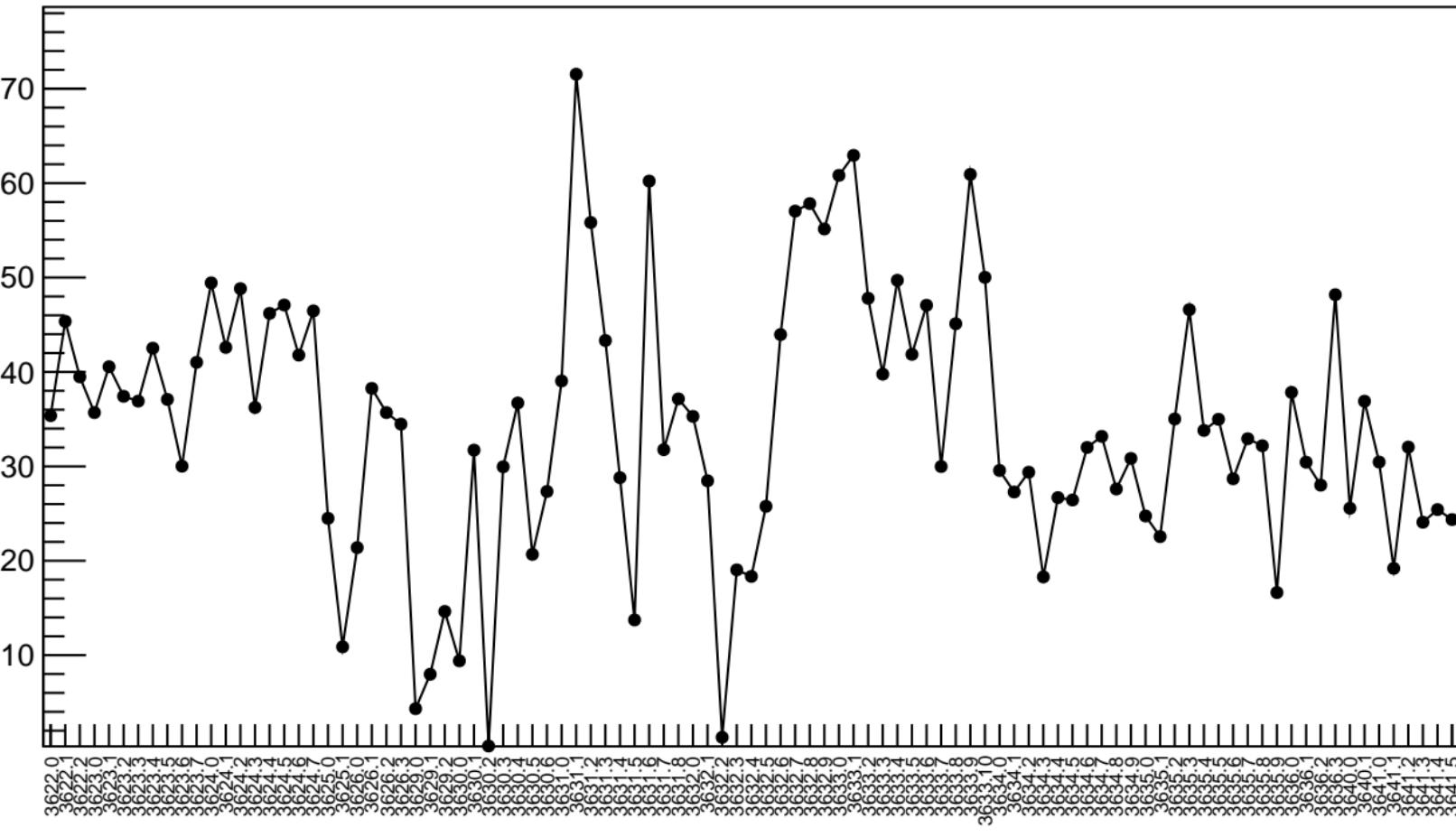


1D pull distribution

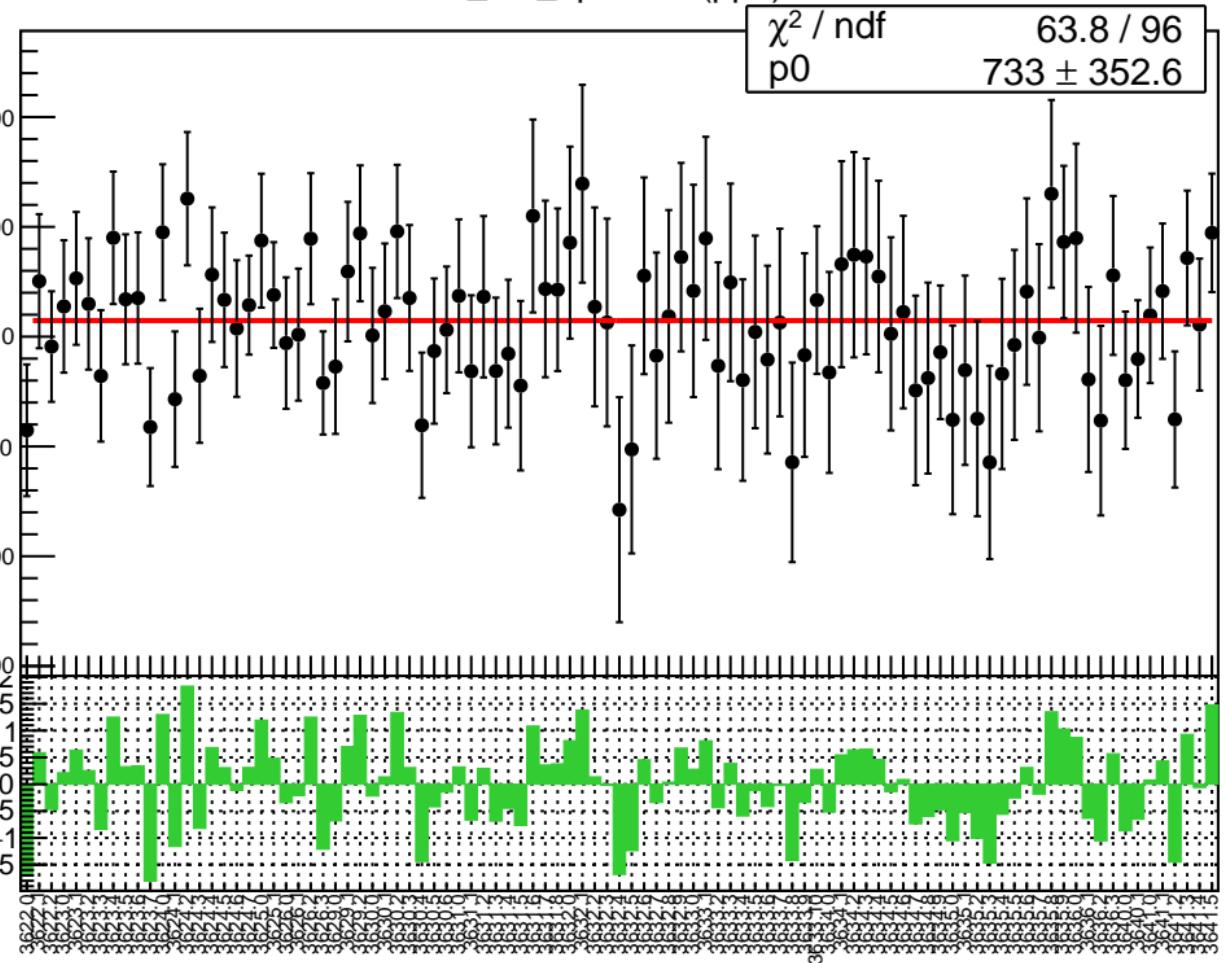


corr_usr_bpm12Y RMS (ppm)

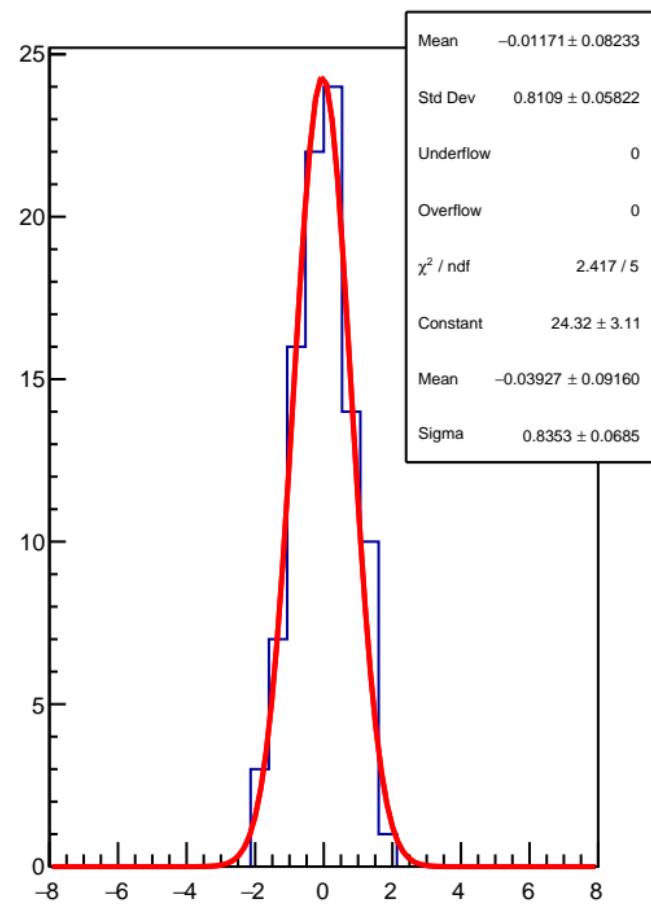
RMS (ppm)



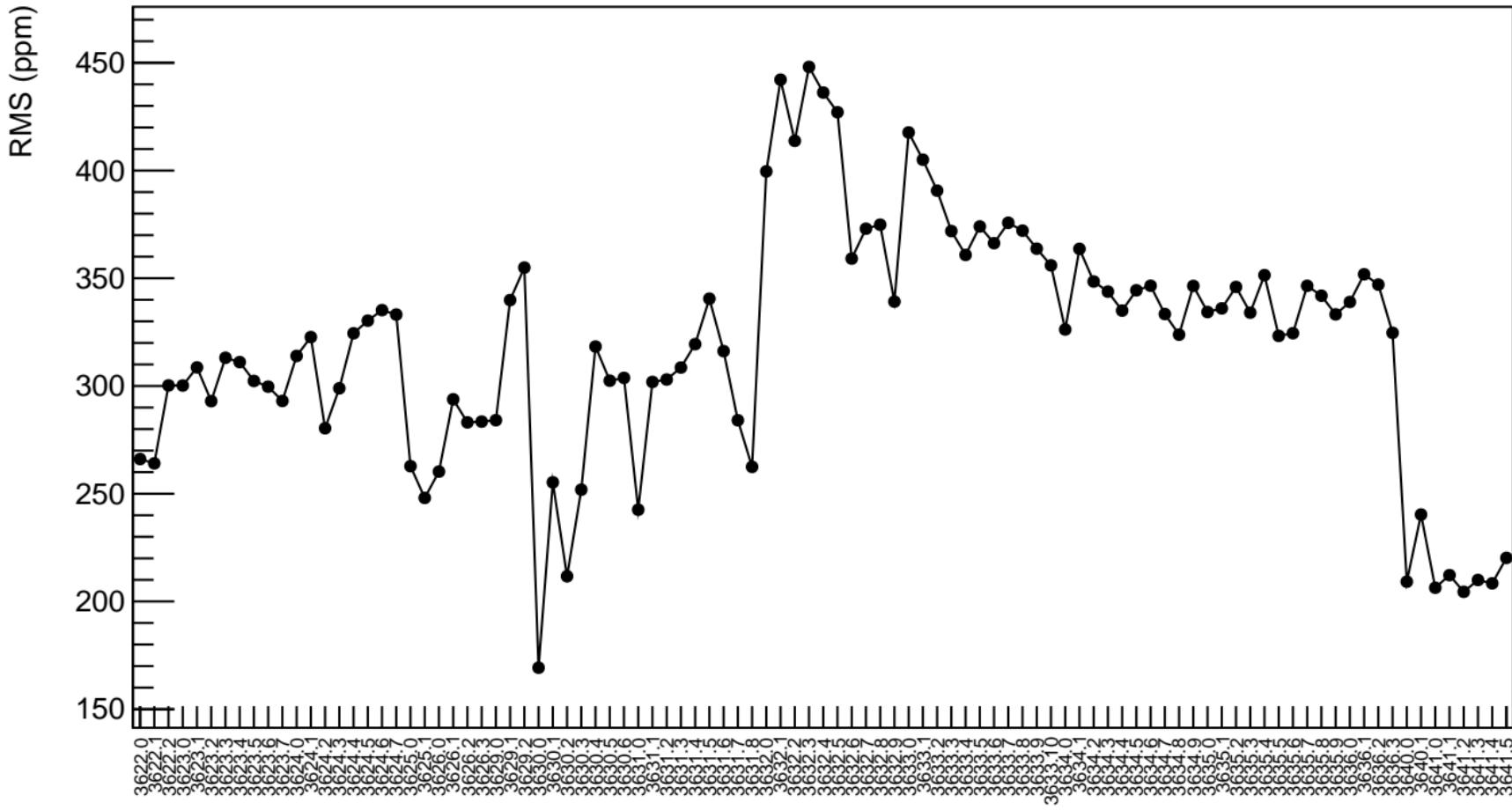
corr_usr_bpm11X (ppb)



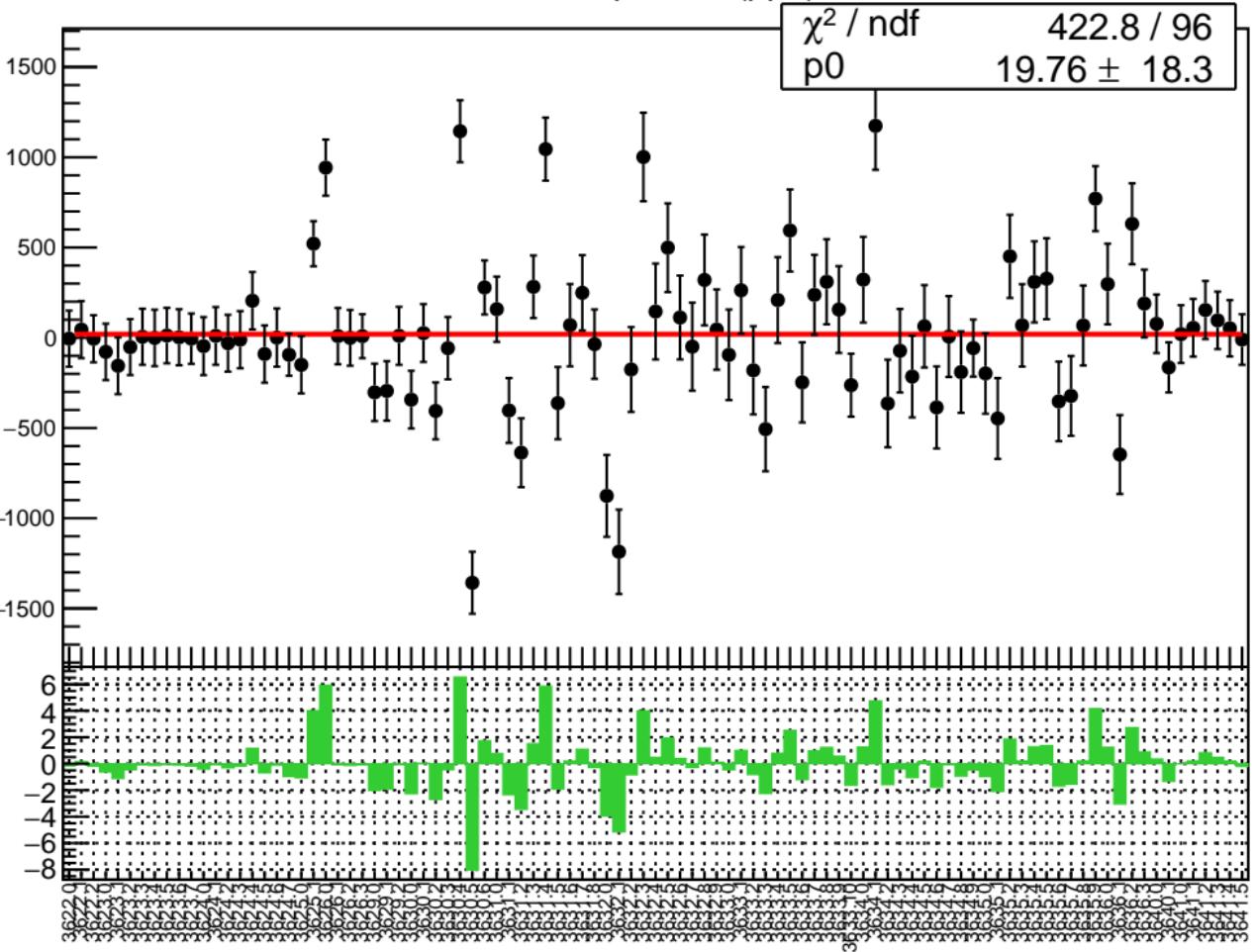
1D pull distribution



corr_usr_bpm11X RMS (ppm)

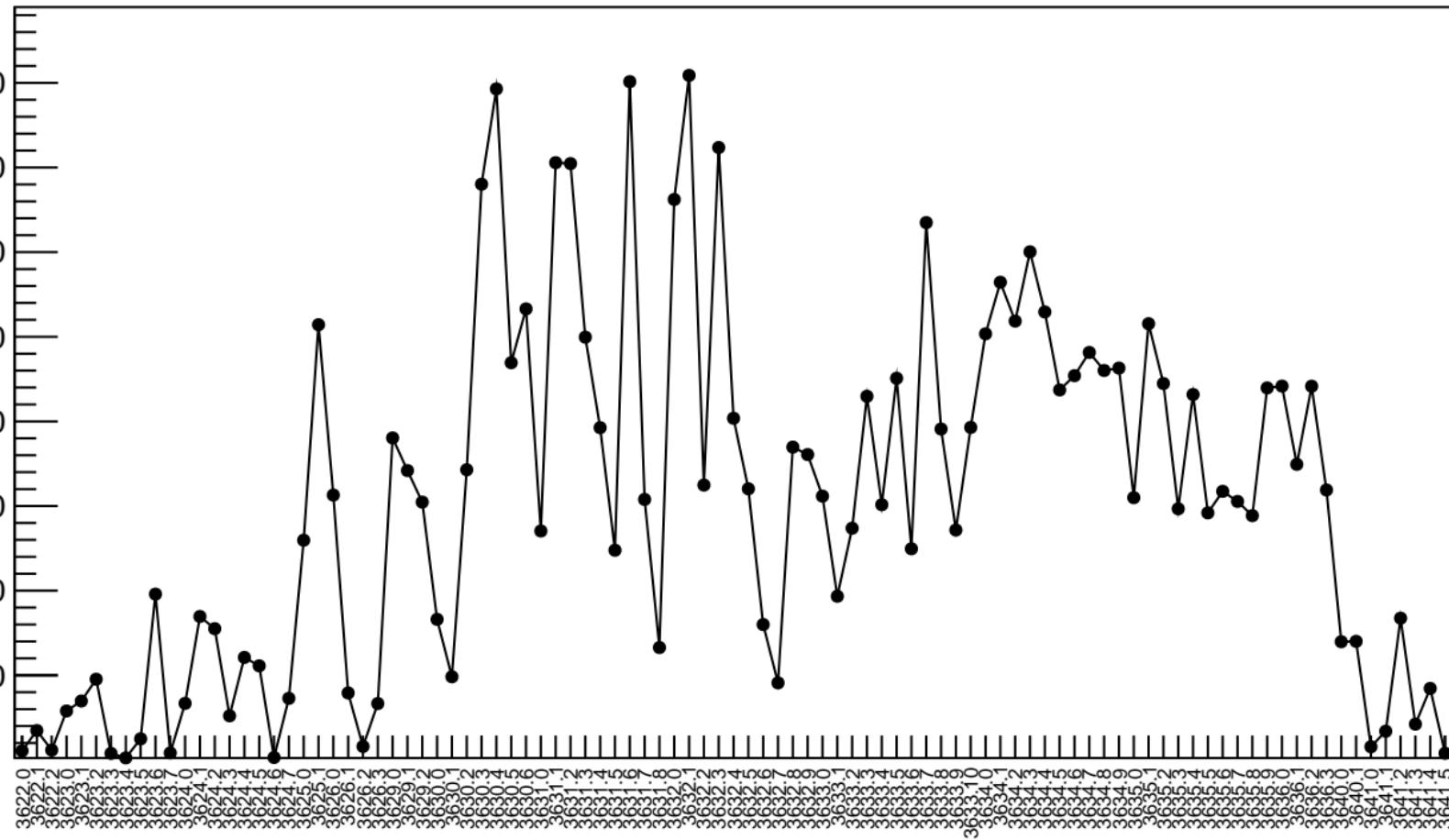


corr_usr_bpm11Y (ppb)

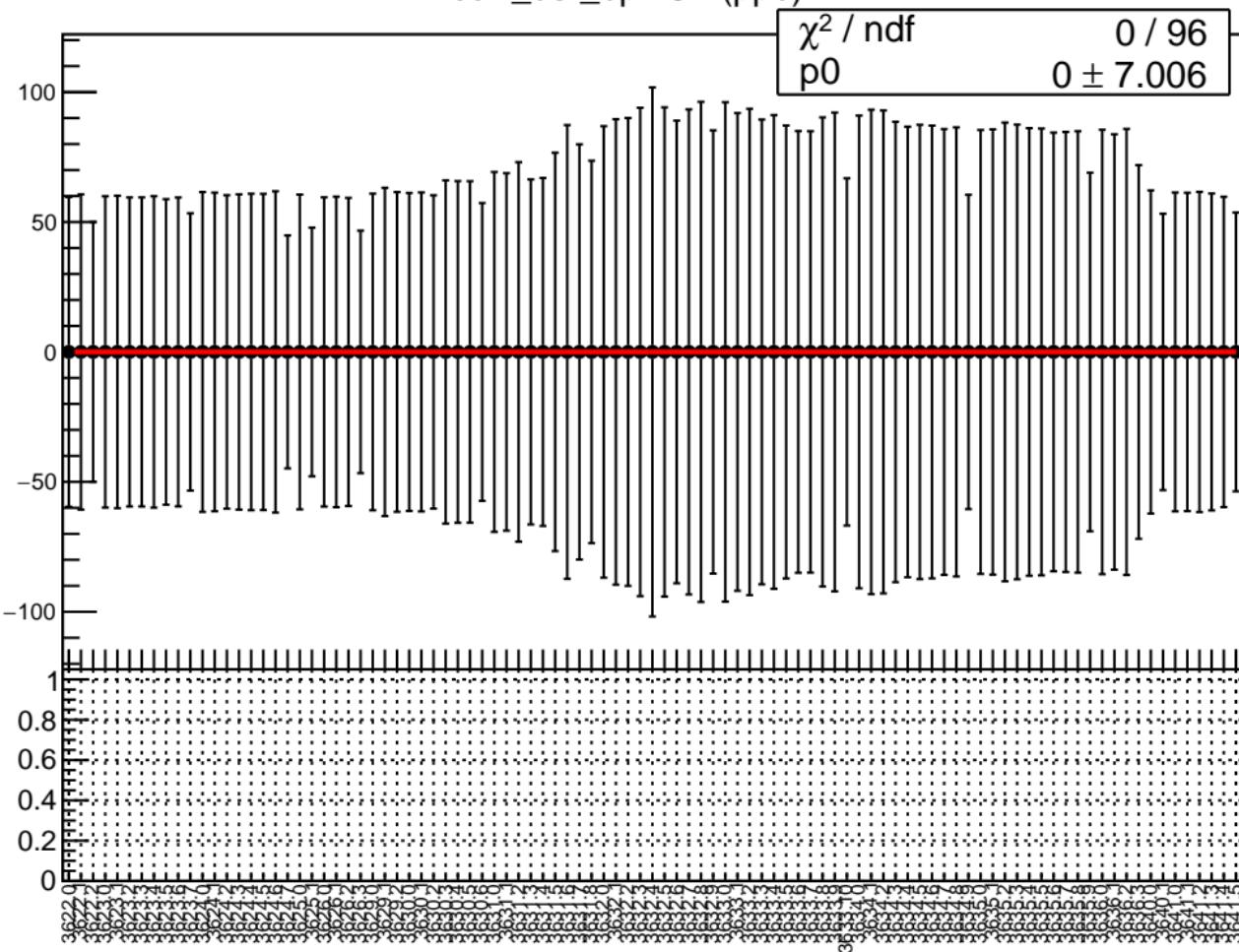


corr_usr_bpm11Y RMS (ppm)

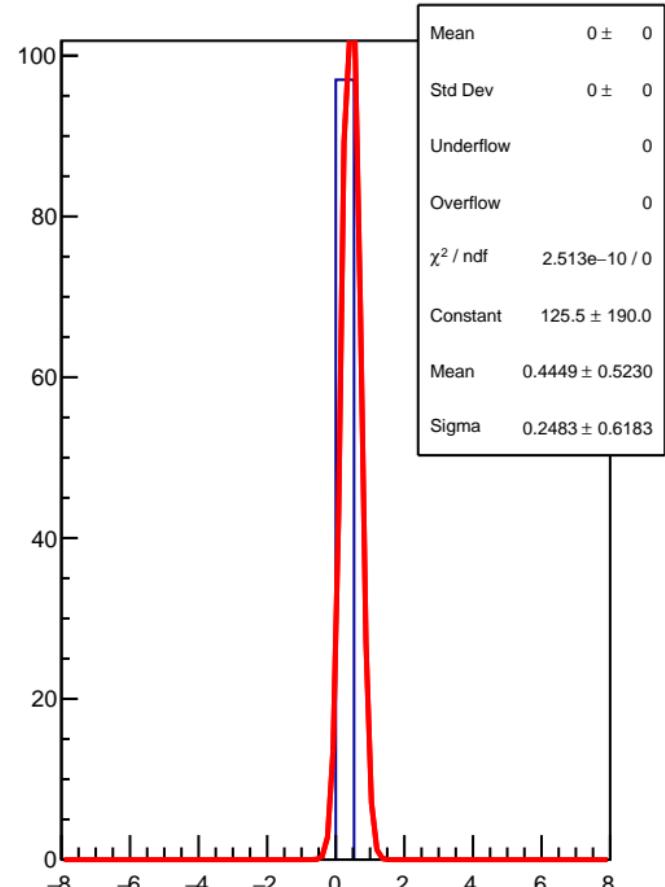
RMS (ppm)



corr_usr_bpm8X (ppb)



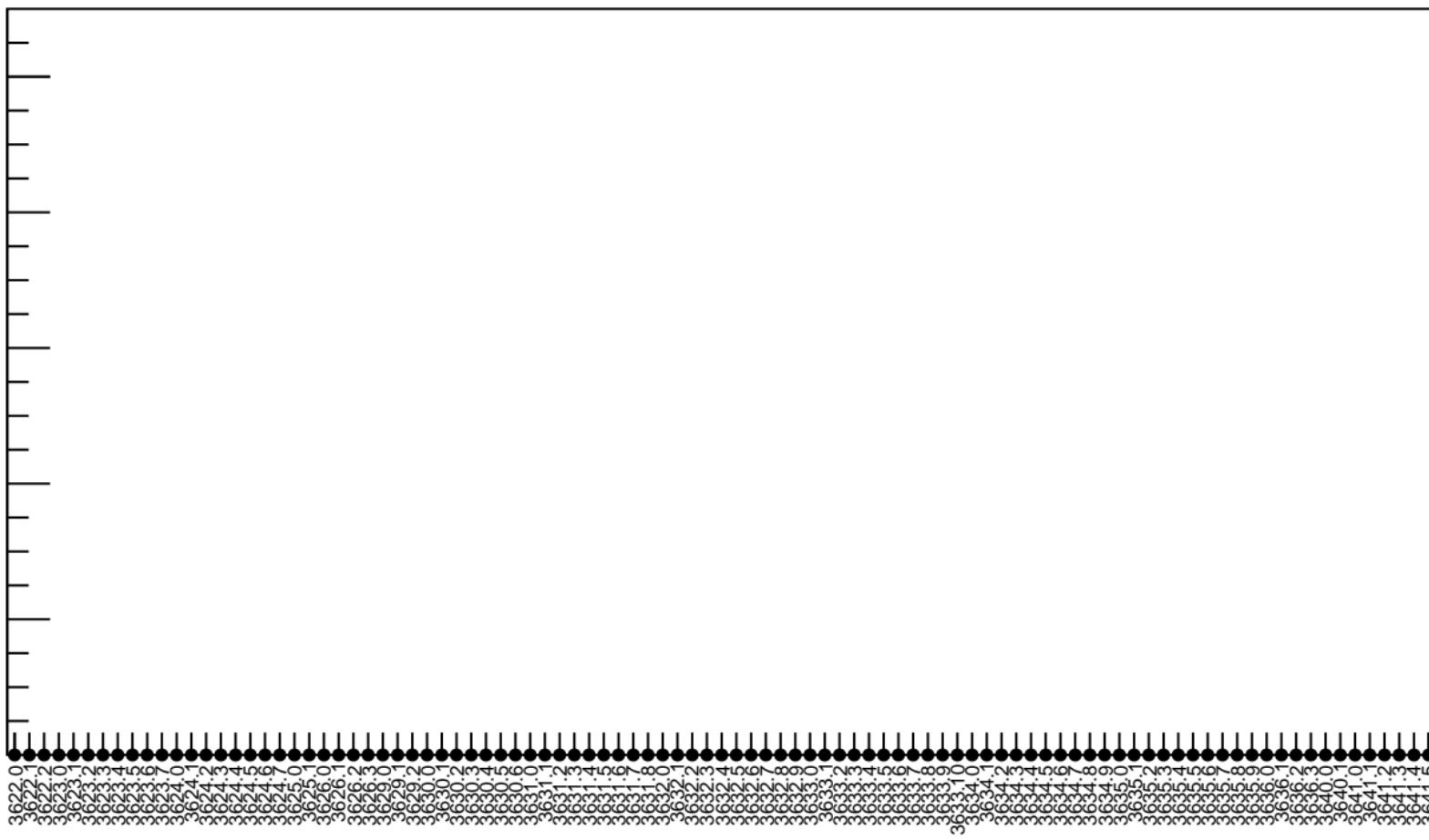
1D pull distribution



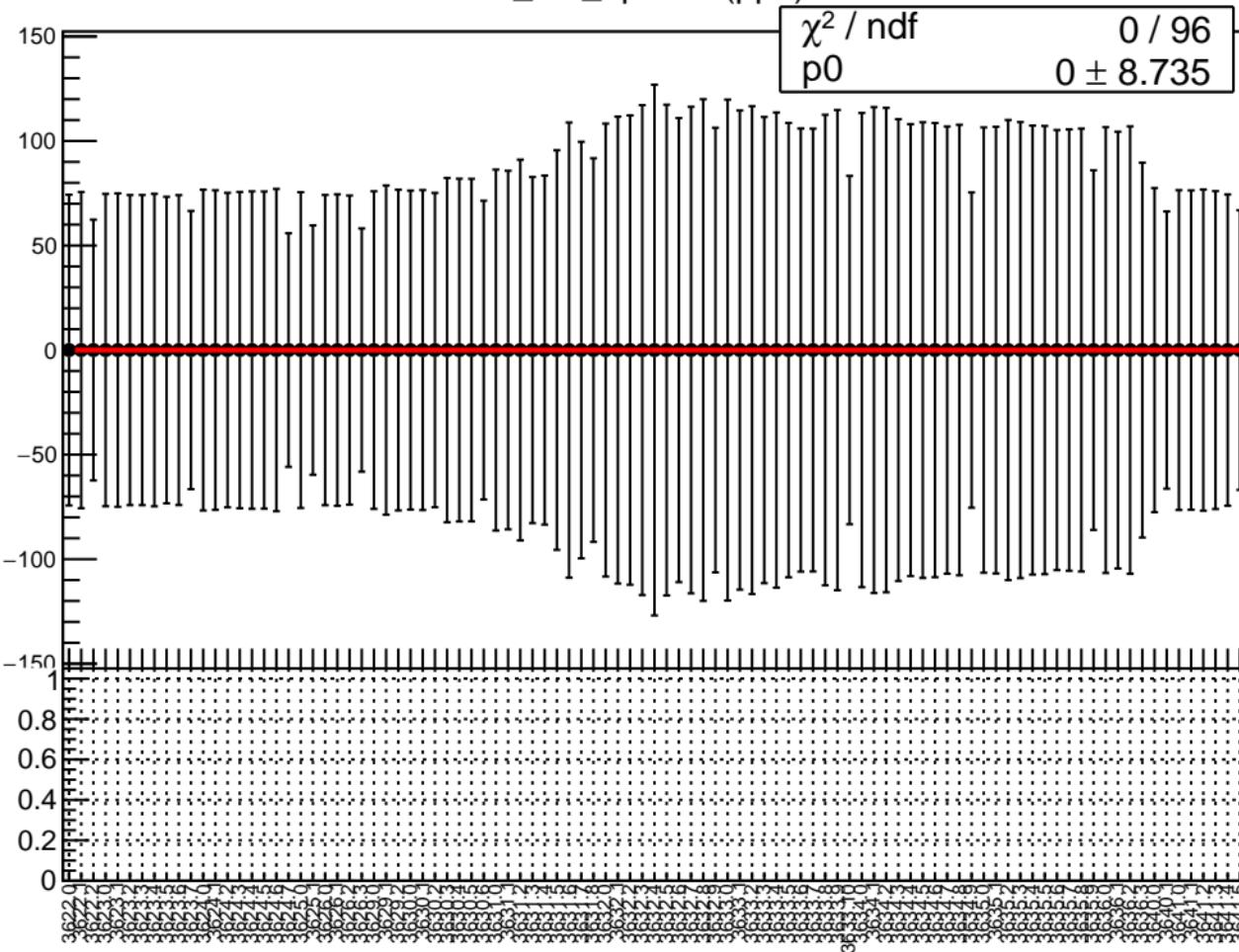
corr_usr_bpm8X RMS (ppm)

RMS (ppm)

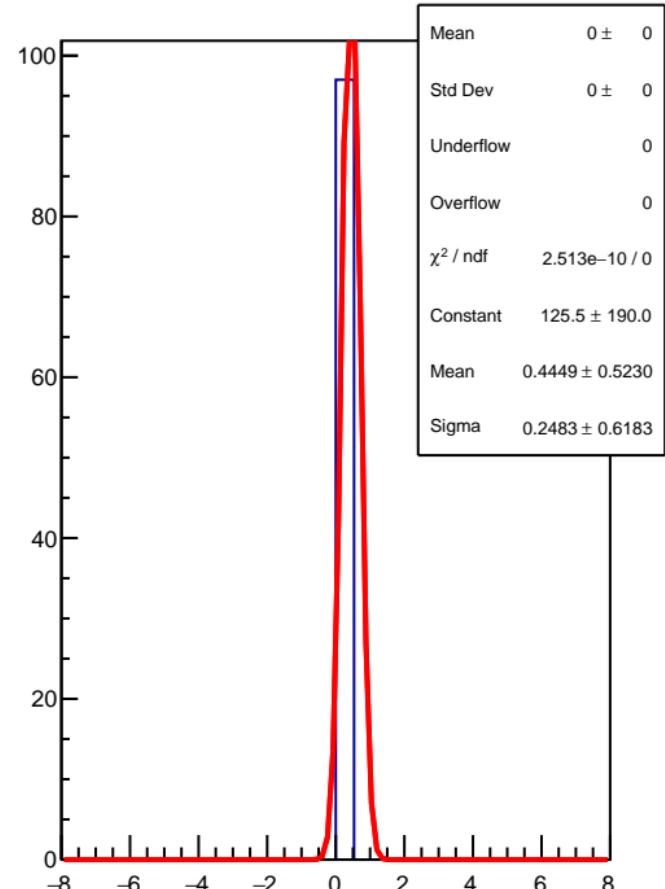
1
0.8
0.6
0.4
0.2
0



corr_usr_bpm8Y (ppb)



1D pull distribution



corr_usr_bpm8Y RMS (ppm)

RMS (ppm)

1
0.8
0.6
0.4
0.2
0

