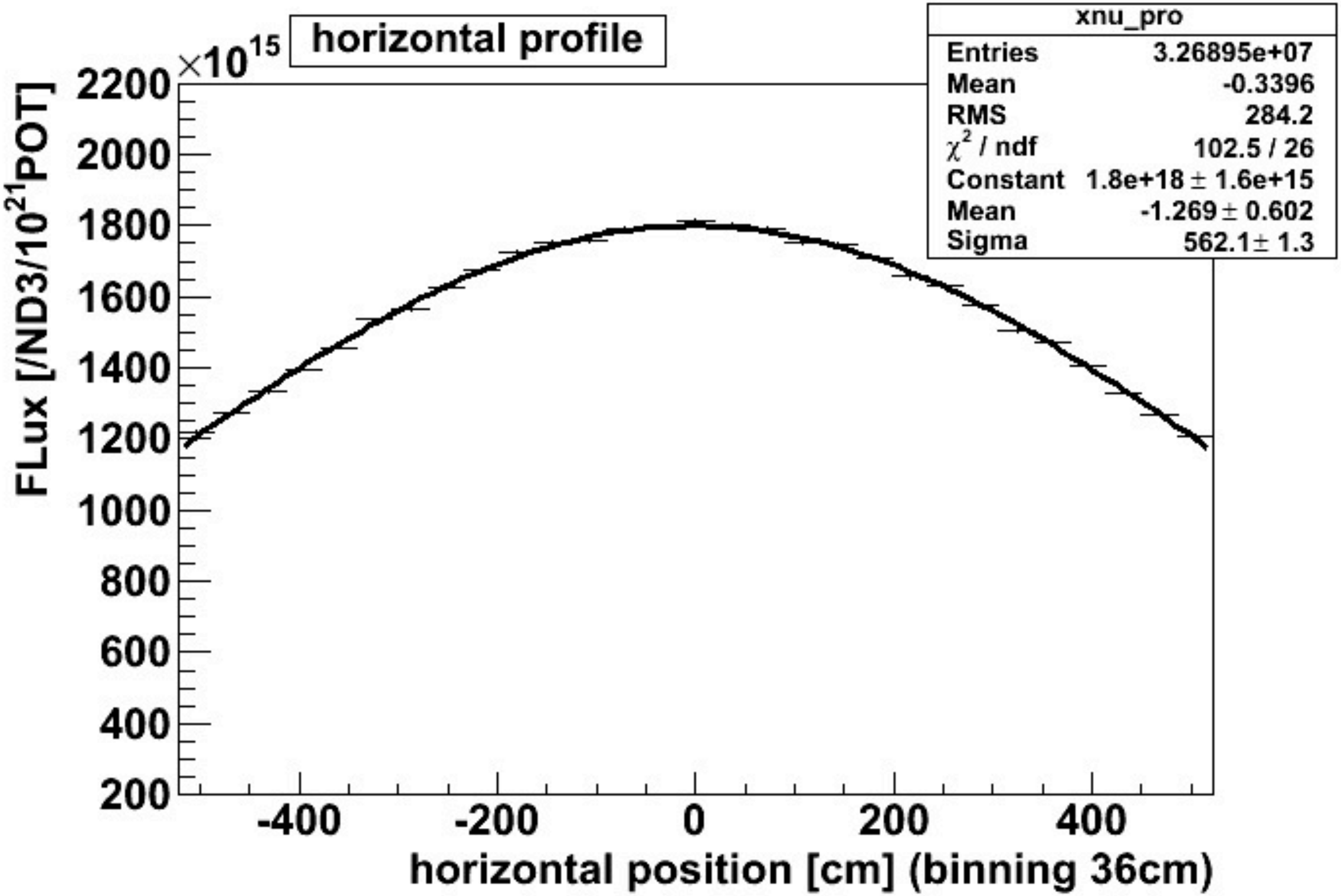
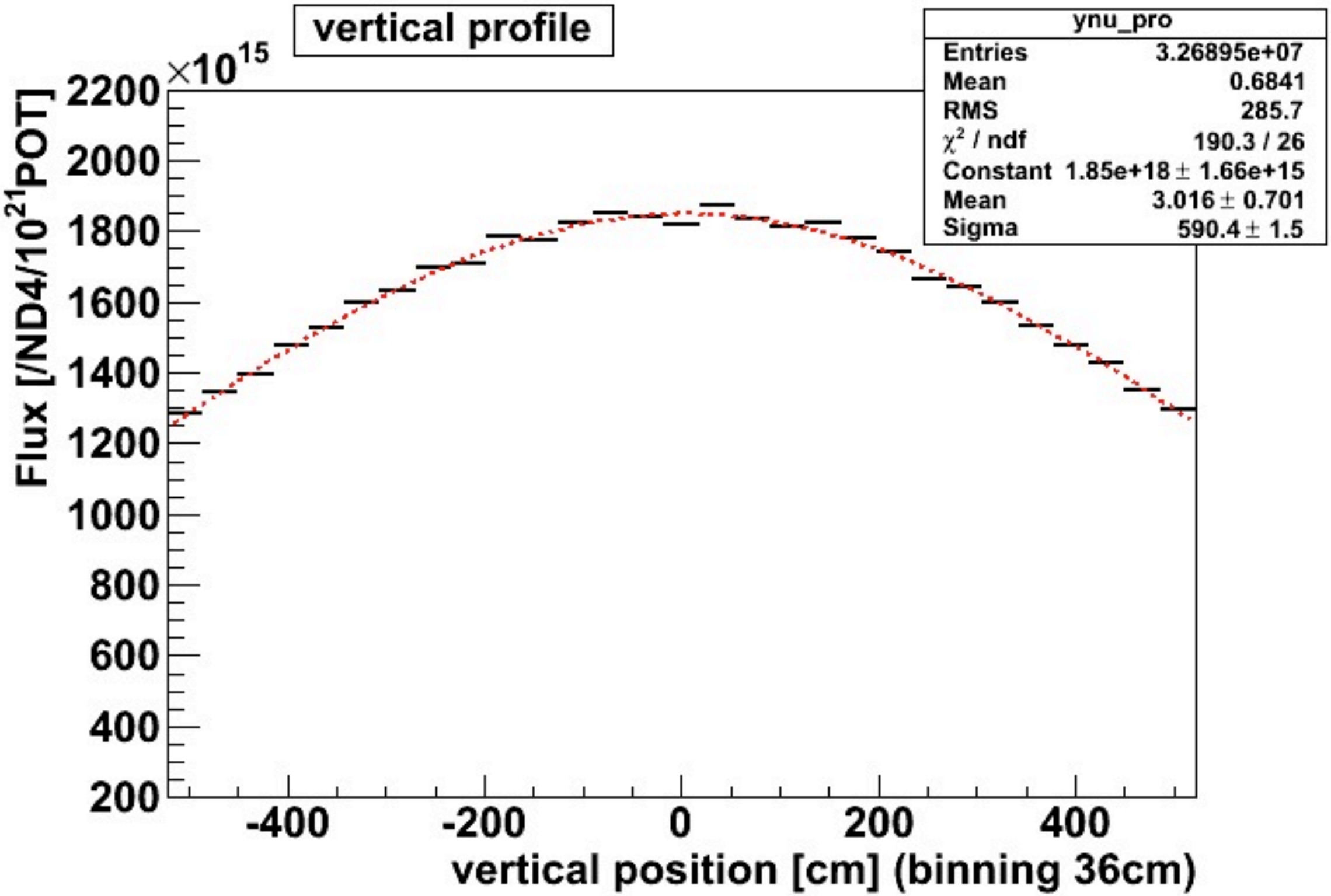
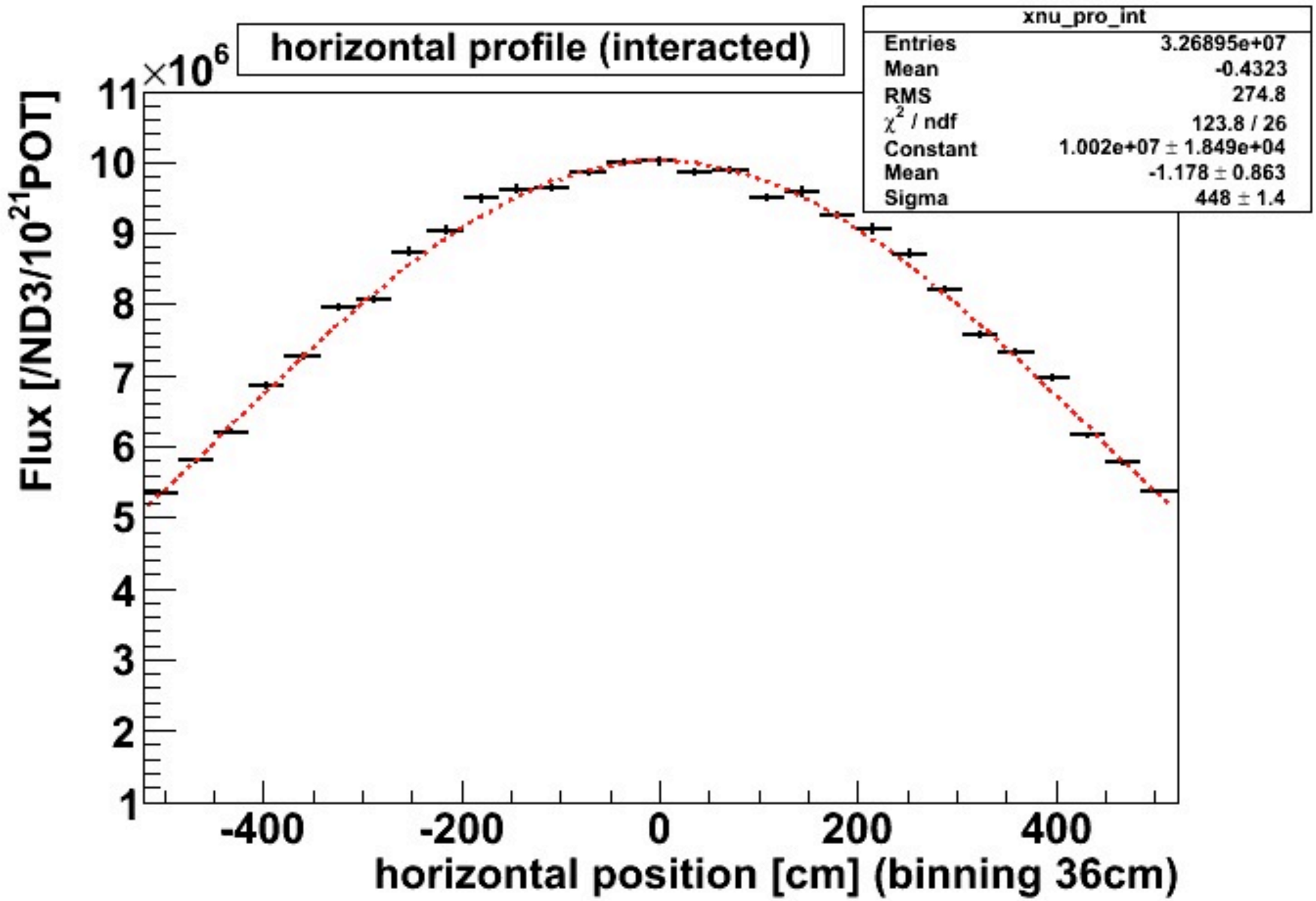
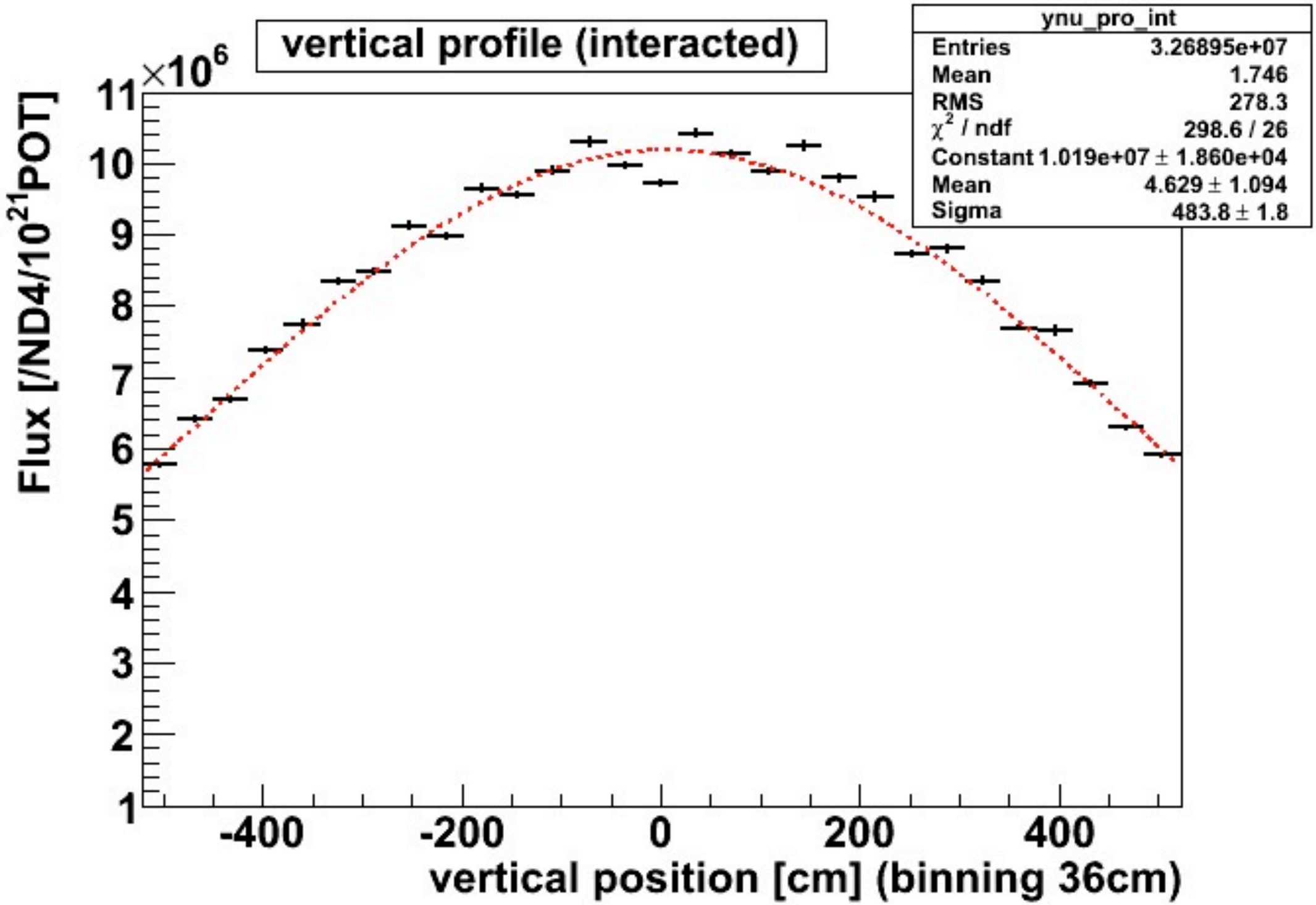

horizontal profile
xnu_pro
Entries 3.26895e+07
Mean -0.3396
RMS 284.2
χ² / ndf 102.5 / 26
Constant 1.8e+18 ± 1.6e+15
Mean -1.269 ± 0.602
Sigma 562.1 ± 1.3
×10^15
FLux [/ND3/10^21POT]
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
-400
-200
0
200
400
horizontal position [cm] (binning 36cm)


vertical profile
ynu_pro
Entries 3.26895e+07
Mean 0.6841
RMS 285.7
χ² / ndf 190.3 / 26
Constant 1.85e+18 ± 1.66e+15
Mean 3.016 ± 0.701
Sigma 590.4 ± 1.5
×10^15
Flux [/ND4/10^21POT]
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
-400
-200
0
200
400
vertical position [cm] (binning 36cm)


horizontal profile (interacted)
xnu_pro_int
Entries 3.26895e+07
Mean -0.4323
RMS 274.8
χ² / ndf 123.8 / 26
Constant 1.002e+07 ± 1.849e+04
Mean -1.178 ± 0.863
Sigma 448 ± 1.4
×10⁶
Flux [/ND3/10²¹POT]
horizontal position [cm] (binning 36cm)


vertical profile (interacted)
ynu_pro_int
Entries 3.26895e+07
Mean 1.746
RMS 278.3
χ² / ndf 298.6 / 26
Constant 1.019e+07 ± 1.860e+04
Mean 4.629 ± 1.094
Sigma 483.8 ± 1.8
×10⁶
Flux [/ND4/10²¹POT]
11
10
9
8
7
6
5
4
3
2
1
-400
-200
0
200
400
vertical position [cm] (binning 36cm)