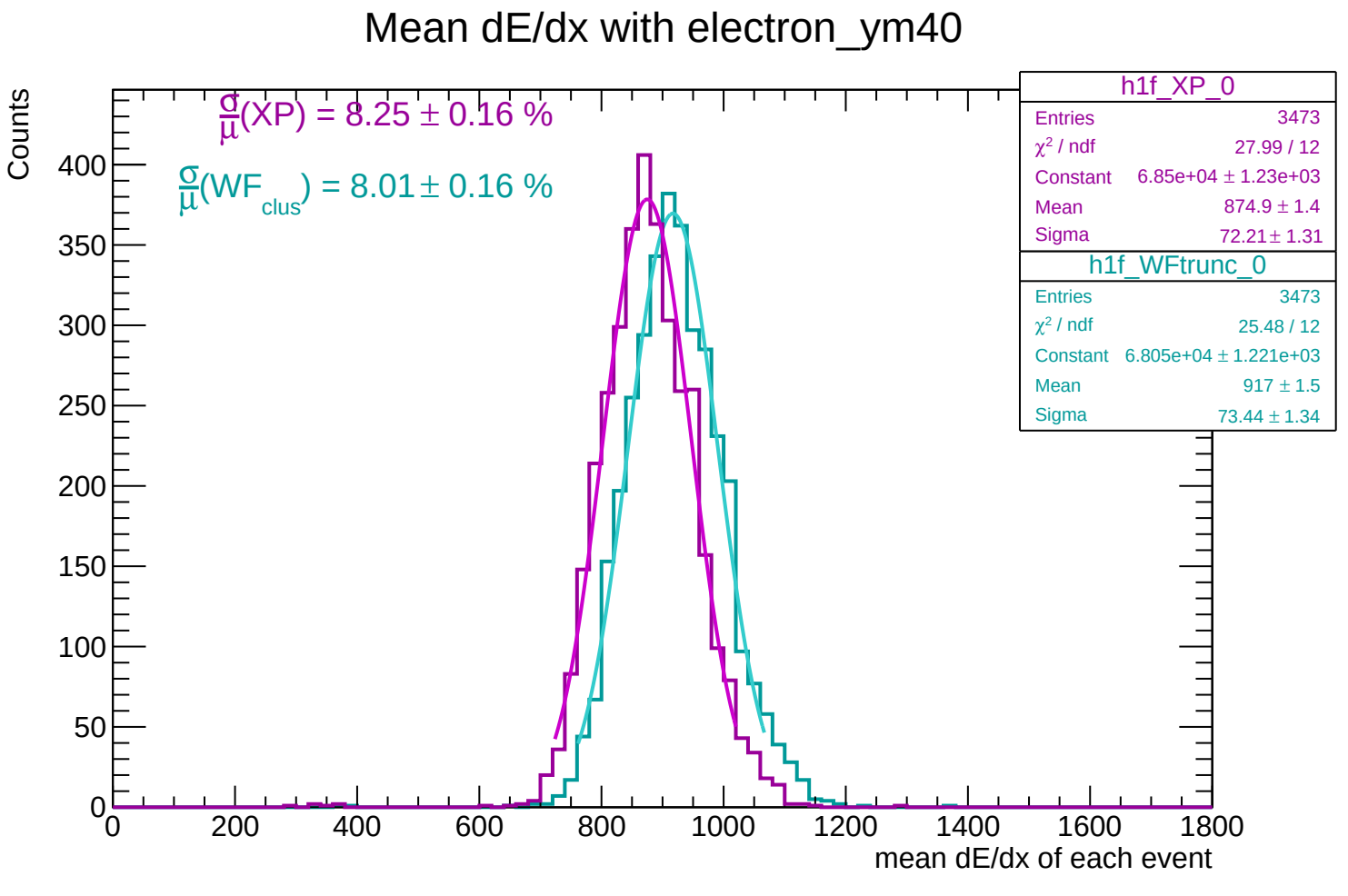
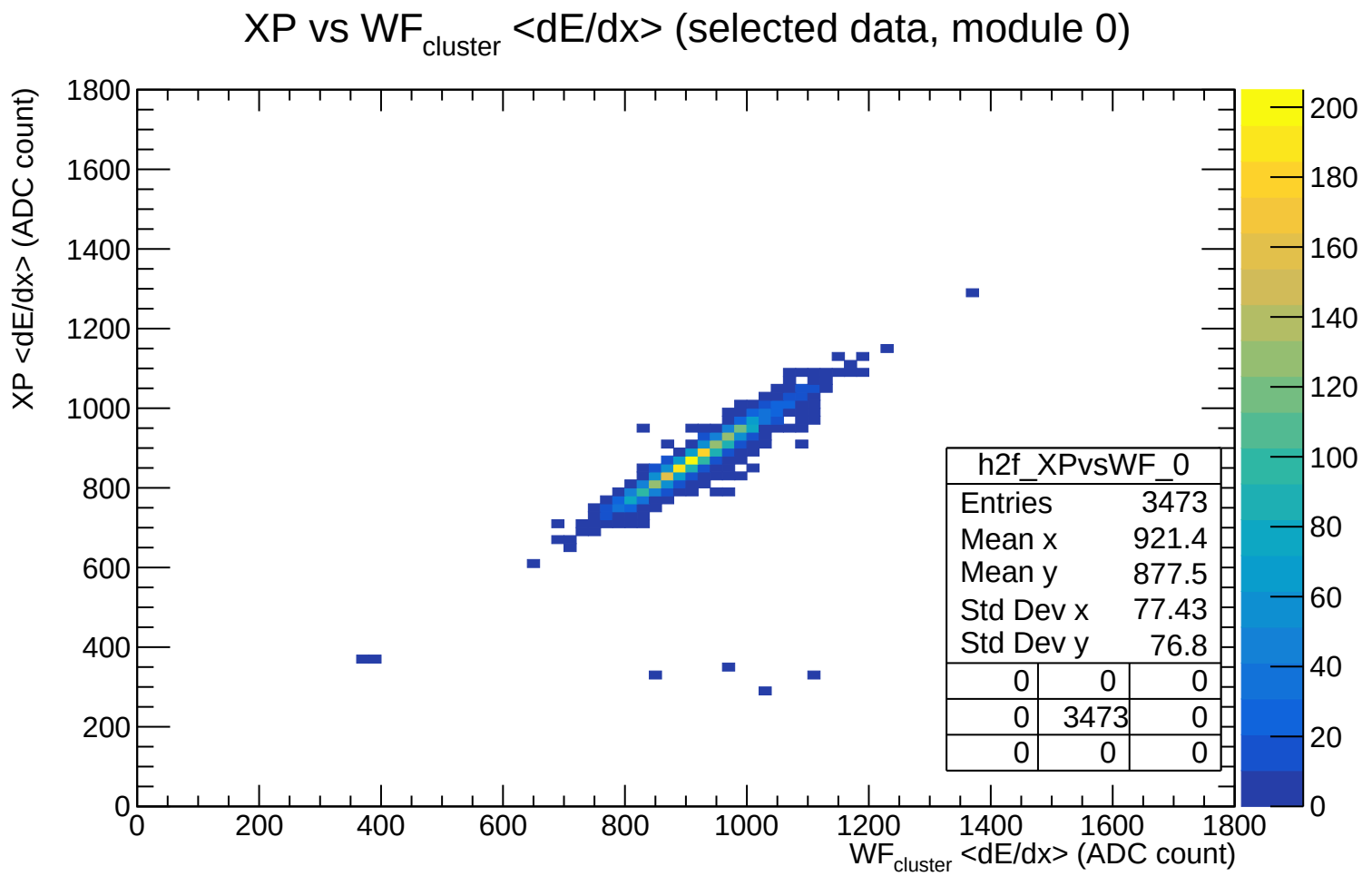
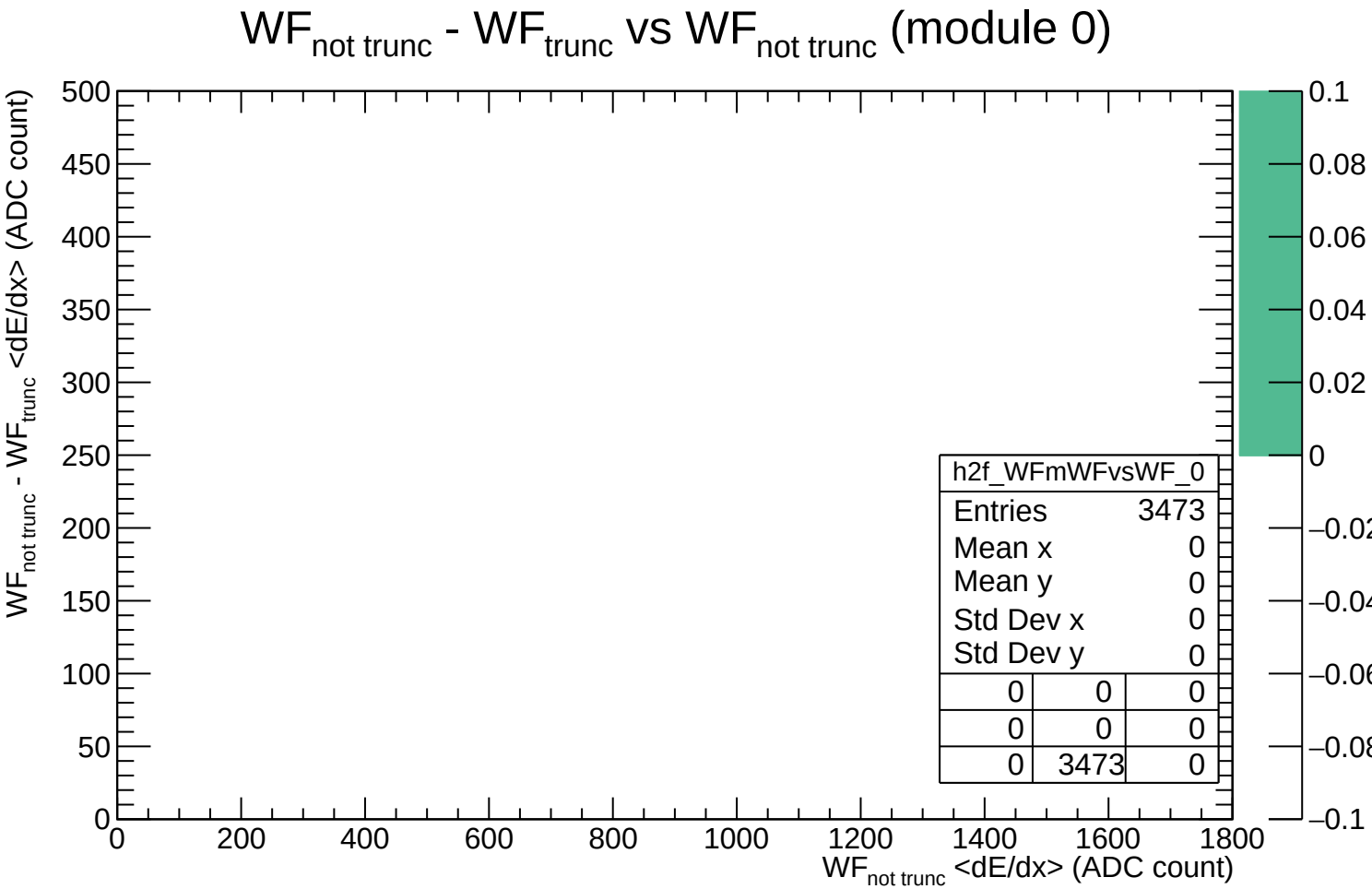

Mean dE/dx with electron_ym40
Counts
mean dE/dx of each event
σ/μ(XP) = 8.25 ± 0.16 %
σ/μ(WF clus) = 8.01 ± 0.16 %
h1f_XP_0
Entries 3473
χ² / ndf 27.99 / 12
Constant 6.85e+04 ± 1.23e+03
Mean 874.9 ± 1.4
Sigma 72.21 ± 1.31
h1f_WFtrunc_0
Entries 3473
χ² / ndf 25.48 / 12
Constant 6.805e+04 ± 1.221e+03
Mean 917 ± 1.5
Sigma 73.44 ± 1.34
0
50
100
150
200
250
300
350
400
0
200
400
600
800
1000
1200
1400
1600
1800


XP vs WF_cluster <dE/dx> (selected data, module 0)
XP <dE/dx> (ADC count)
WF_cluster <dE/dx> (ADC count)
h2f_XPvsWF_0
Entries 3473
Mean x 921.4
Mean y 877.5
Std Dev x 77.43
Std Dev y 76.8
0 0 0
0 3473 0
0 0 0


WF not trunc - WF trunc vs WF not trunc (module 0)
WF not trunc - WF trunc <dE/dx> (ADC count)
WF not trunc <dE/dx> (ADC count)
h2f_WFmWFvsWF_0
Entries 3473
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
0 0 0
0 0 0
0 3473 0
0 50 100 150 200 250 300 350 400 450 500
0 200 400 600 800 1000 1200 1400 1600 1800
0.1 0.08 0.06 0.04 0.02 0 −0.02 −0.04 −0.06 −0.08 −0.1