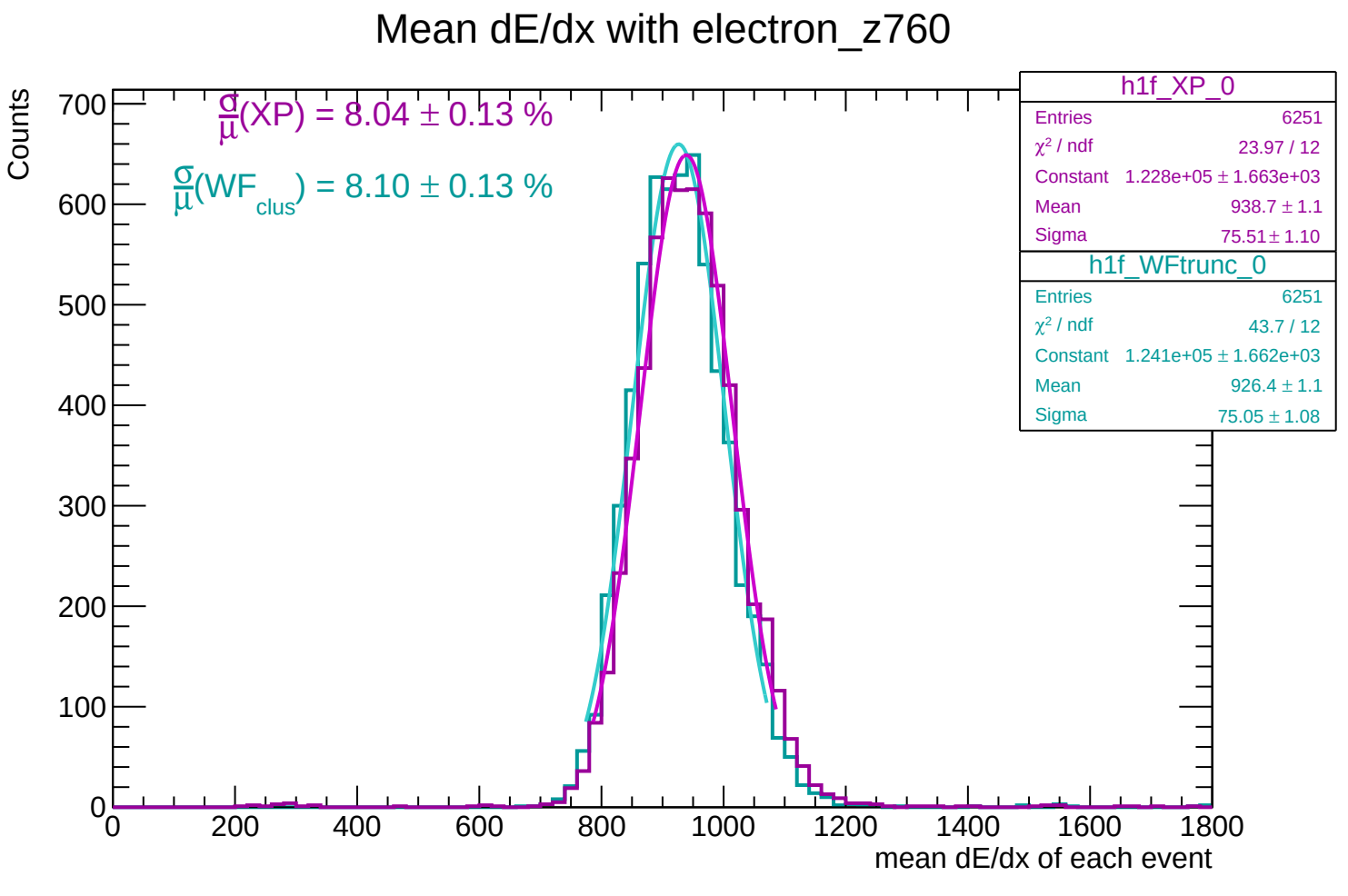
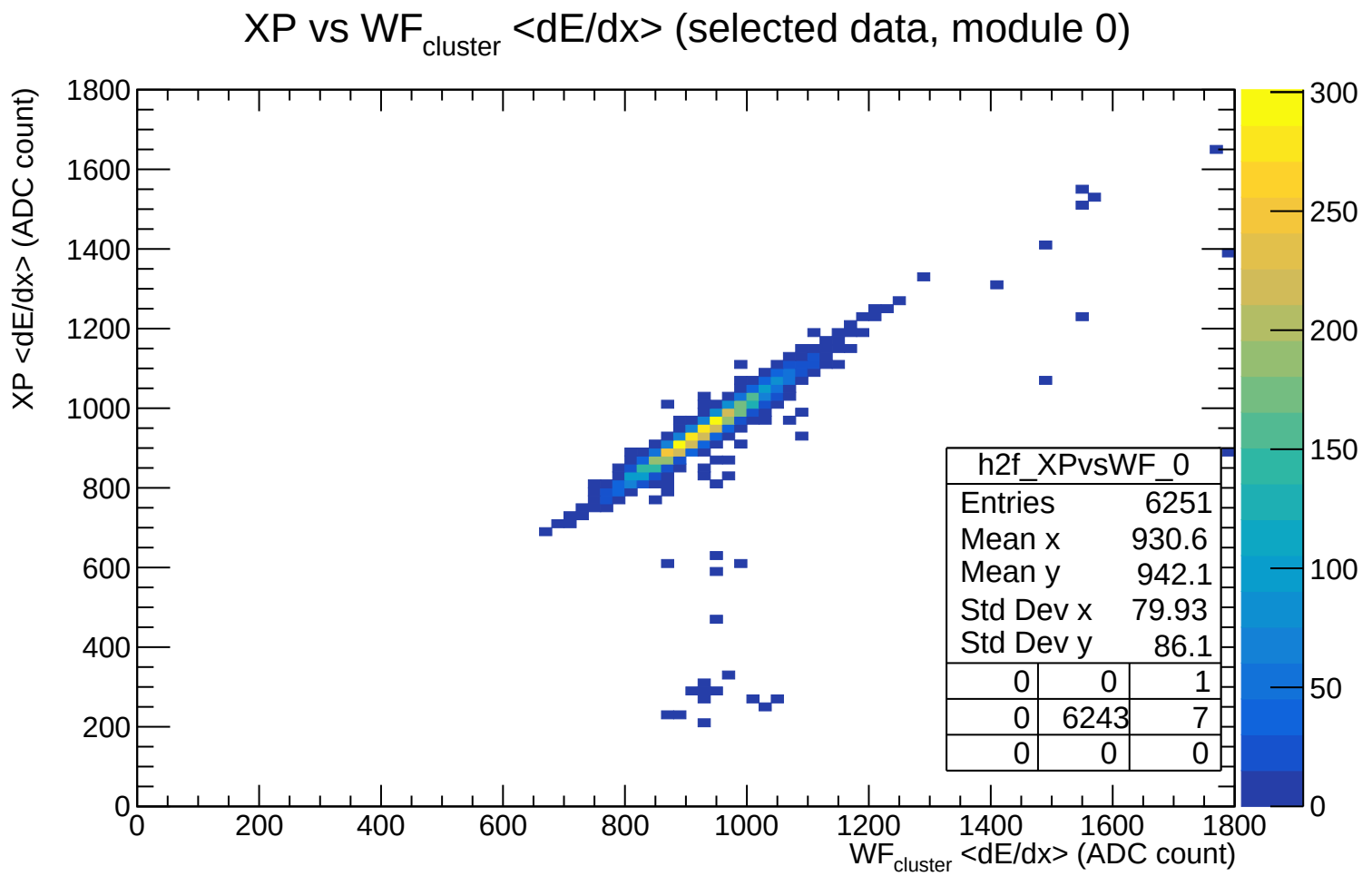
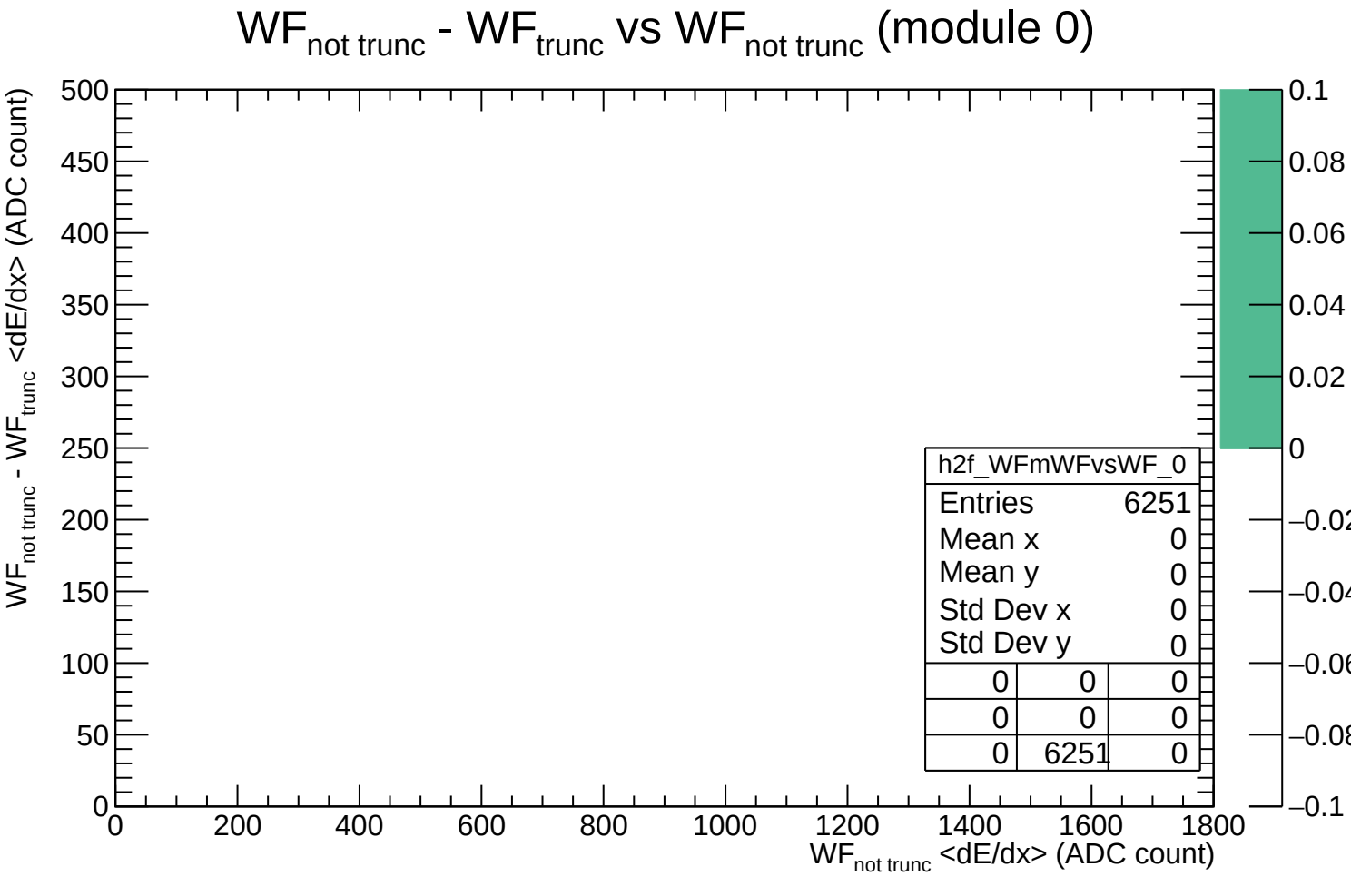

Mean dE/dx with electron_z760
Counts
mean dE/dx of each event
σ/μ(XP) = 8.04 ± 0.13 %
σ/μ(WF clus) = 8.10 ± 0.13 %
h1f_XP_0
Entries 6251
χ² / ndf 23.97 / 12
Constant 1.228e+05 ± 1.663e+03
Mean 938.7 ± 1.1
Sigma 75.51 ± 1.10
h1f_WFtrunc_0
Entries 6251
χ² / ndf 43.7 / 12
Constant 1.241e+05 ± 1.662e+03
Mean 926.4 ± 1.1
Sigma 75.05 ± 1.08


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 6251
Mean x 930.6
Mean y 942.1
Std Dev x 79.93
Std Dev y 86.1
0 0 1
0 6243 7
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 6251
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
0 0 0
0 0 0
0 6251 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