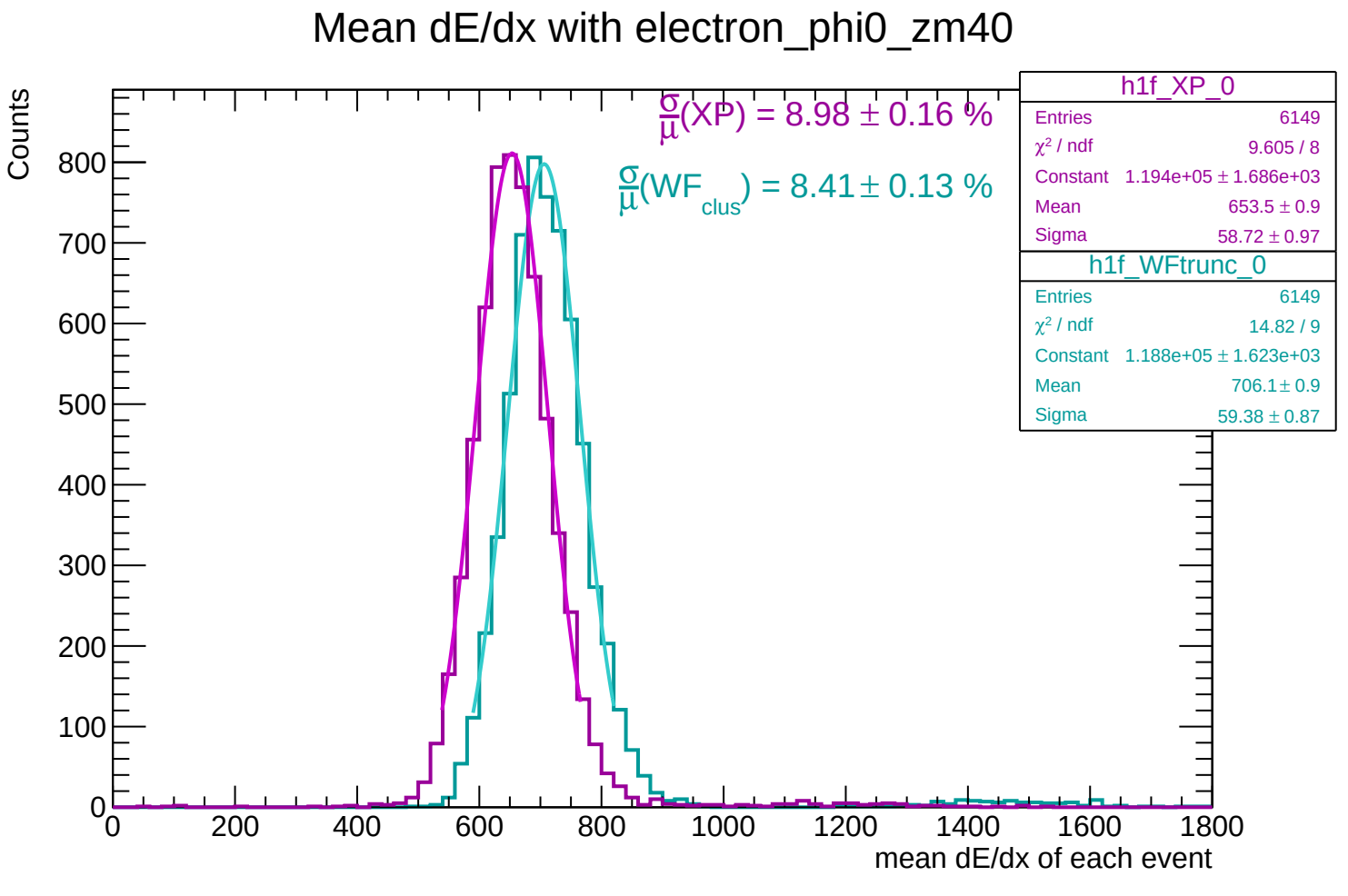
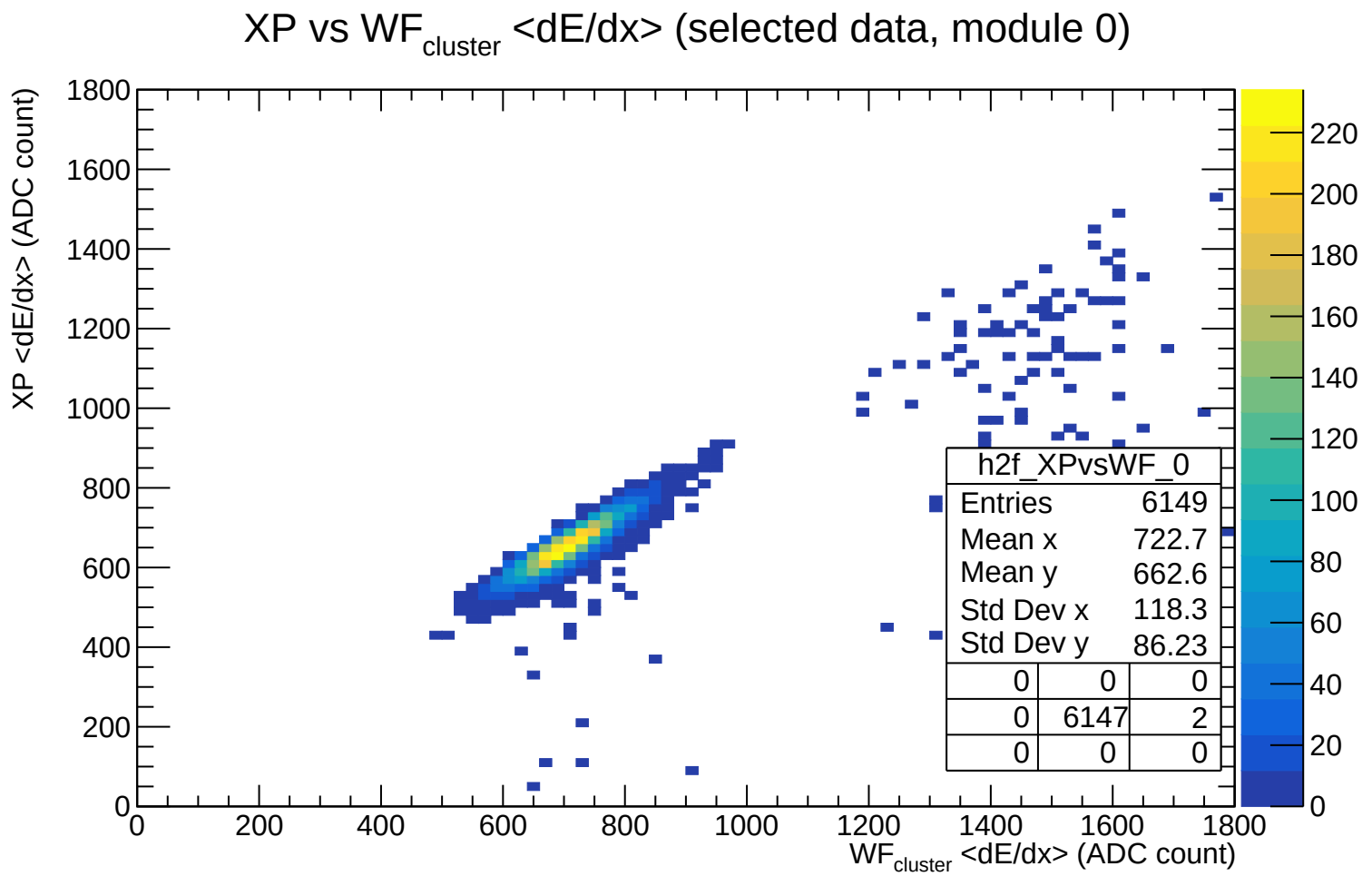
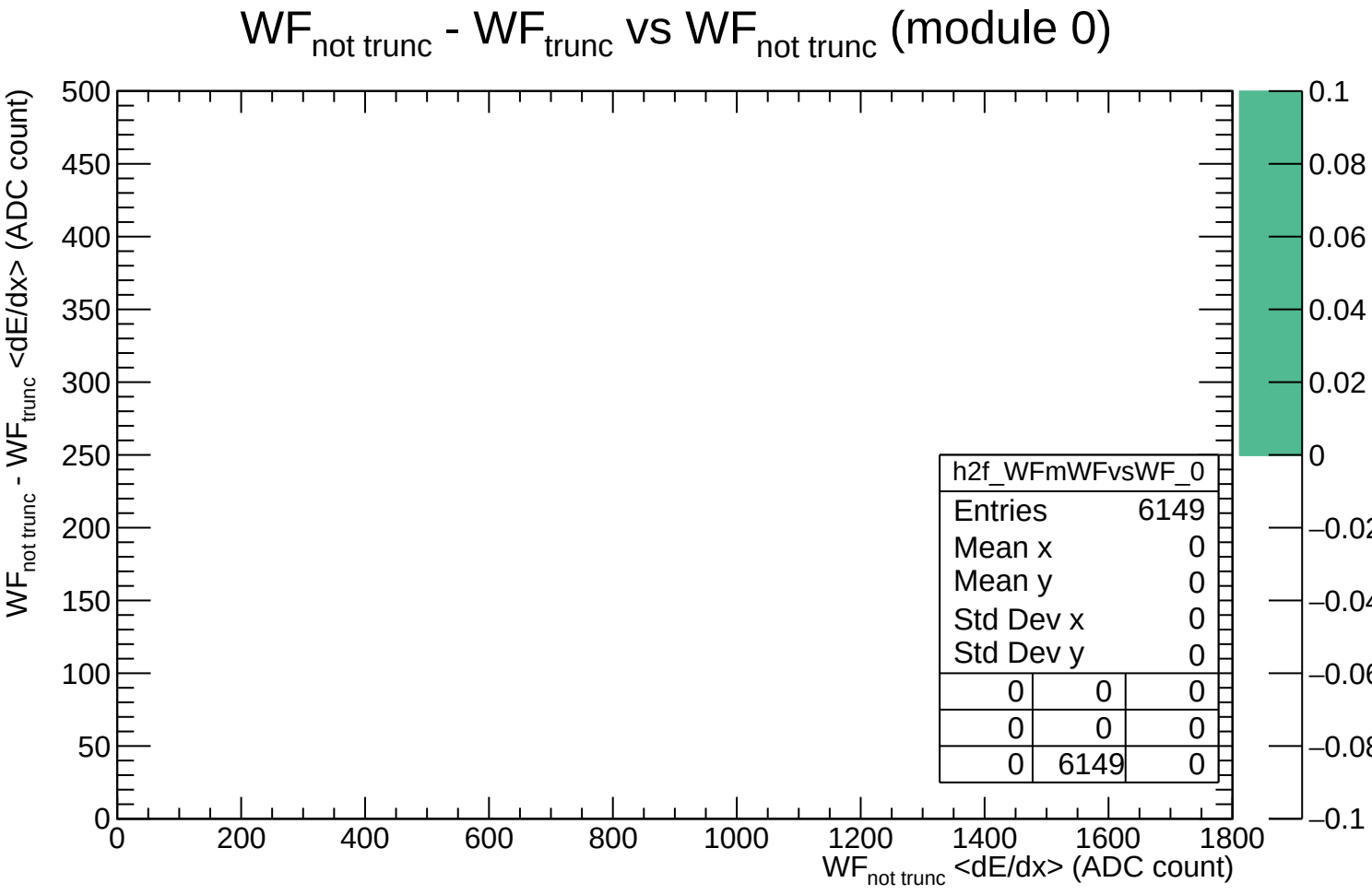

Mean dE/dx with electron_phi0_zm40
Counts
mean dE/dx of each event
σ/μ(XP) = 8.98 ± 0.16 %
σ/μ(WF_clus) = 8.41 ± 0.13 %
h1f_XP_0
Entries 6149
χ² / ndf 9.605 / 8
Constant 1.194e+05 ± 1.686e+03
Mean 653.5 ± 0.9
Sigma 58.72 ± 0.97
h1f_WFtrunc_0
Entries 6149
χ² / ndf 14.82 / 9
Constant 1.188e+05 ± 1.623e+03
Mean 706.1 ± 0.9
Sigma 59.38 ± 0.87


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 6149
Mean x 722.7
Mean y 662.6
Std Dev x 118.3
Std Dev y 86.23
0 0 0
0 6147 2
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 6149
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
0 0 0
0 0 0
0 6149 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