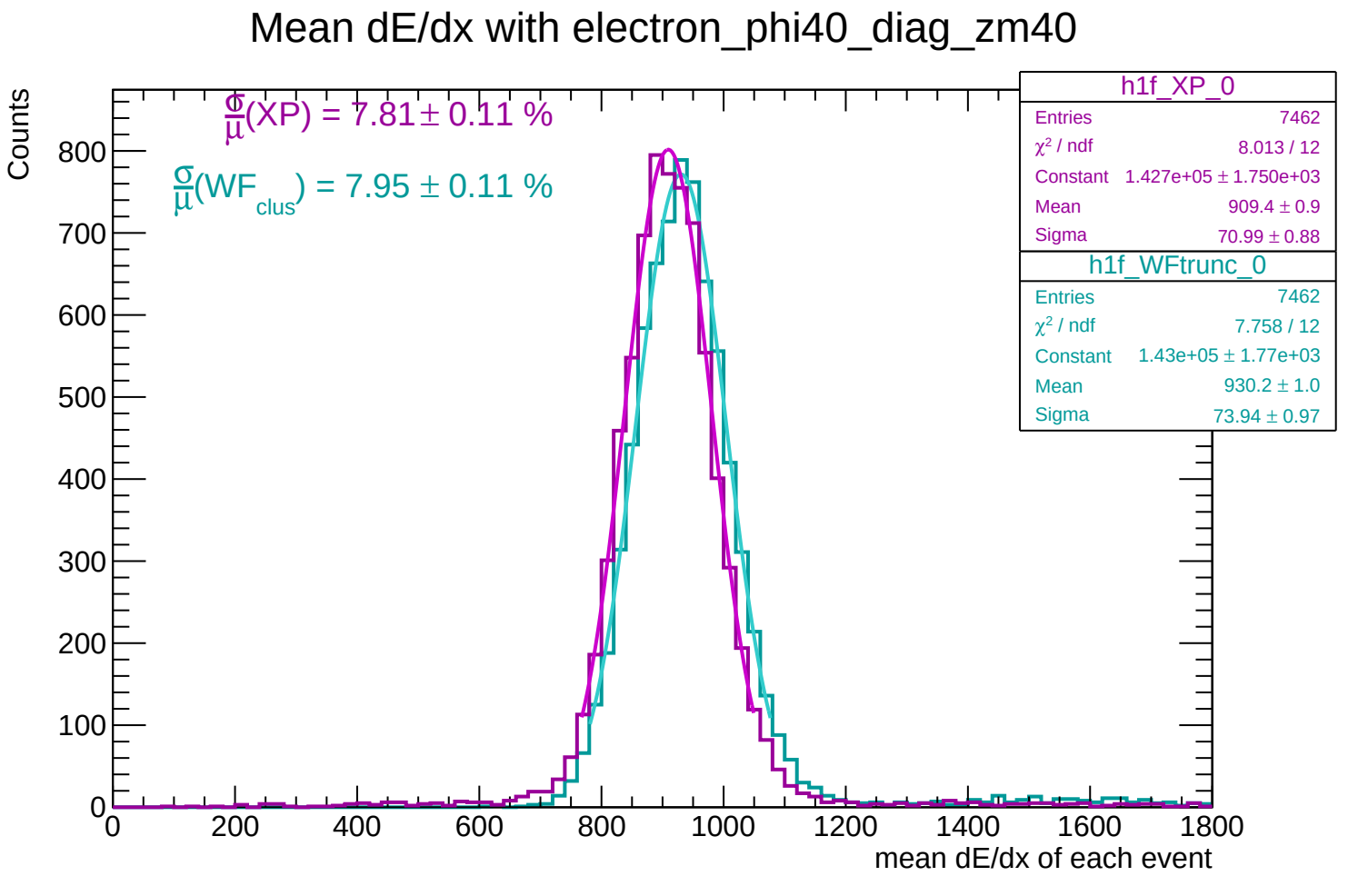
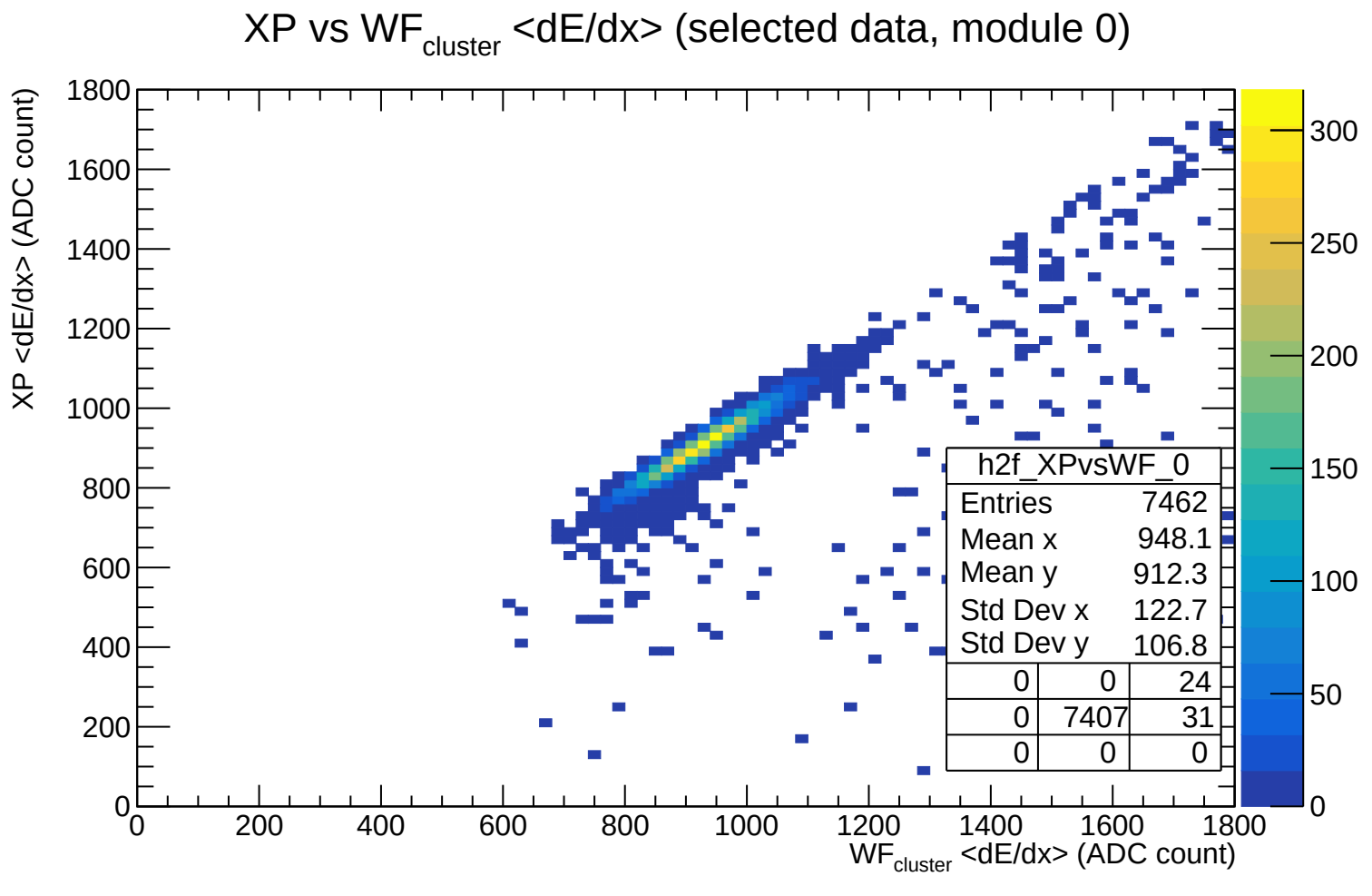
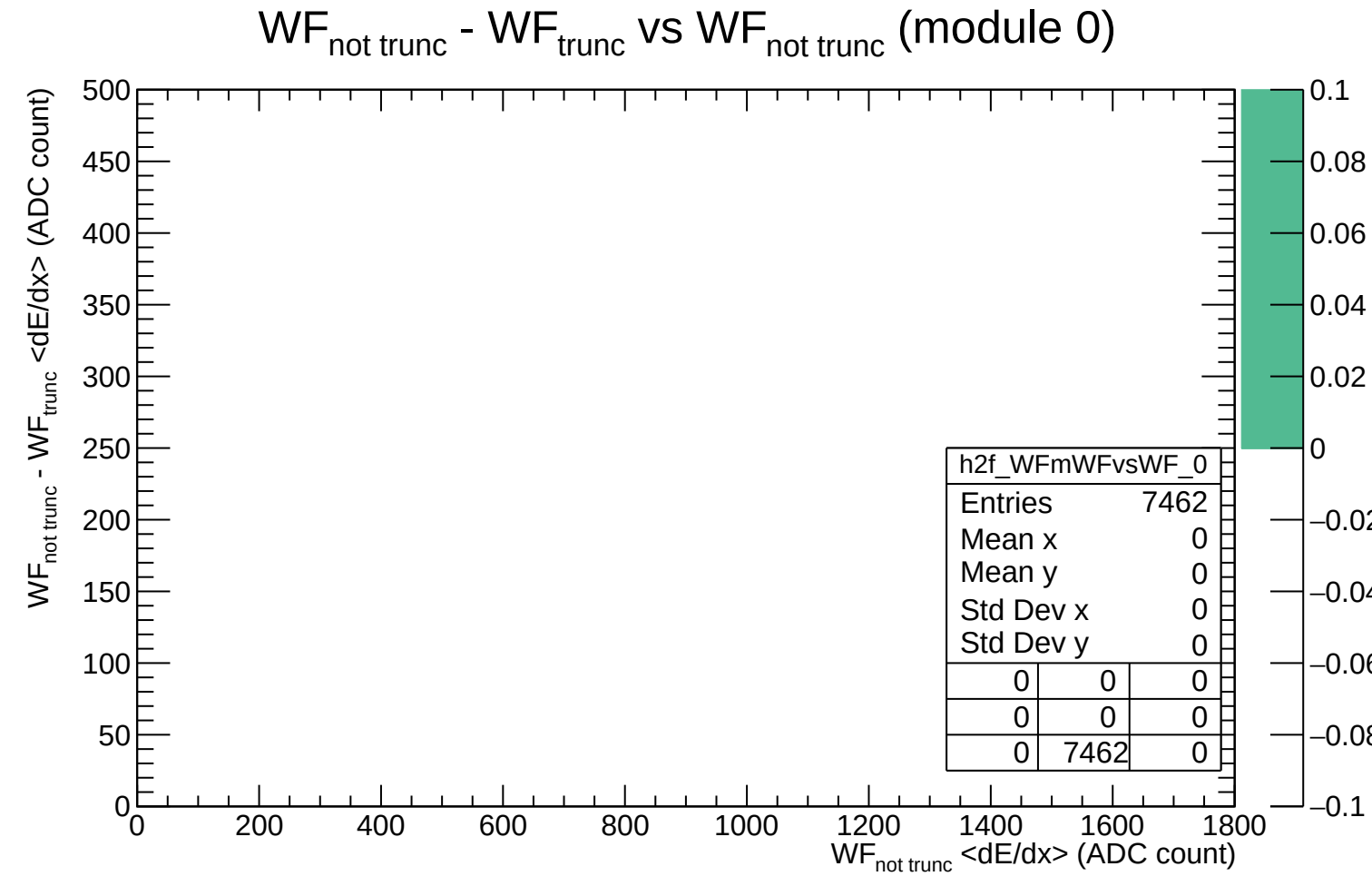

Mean dE/dx with electron_phi40_diag_zm40
Counts
σ/μ(XP) = 7.81 ± 0.11 %
σ/μ(WF clus) = 7.95 ± 0.11 %
h1f_XP_0
Entries 7462
χ² / ndf 8.013 / 12
Constant 1.427e+05 ± 1.750e+03
Mean 909.4 ± 0.9
Sigma 70.99 ± 0.88
h1f_WFtrunc_0
Entries 7462
χ² / ndf 7.758 / 12
Constant 1.43e+05 ± 1.77e+03
Mean 930.2 ± 1.0
Sigma 73.94 ± 0.97
0
100
200
300
400
500
600
700
800
0
200
400
600
800
1000
1200
1400
1600
1800
mean dE/dx of each event


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 7462
Mean x 948.1
Mean y 912.3
Std Dev x 122.7
Std Dev y 106.8
0 0 24
0 7407 31
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 7462
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
0 0 0
0 0 0
0 7462 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