Mean dE/dx with electron_phi20_z460
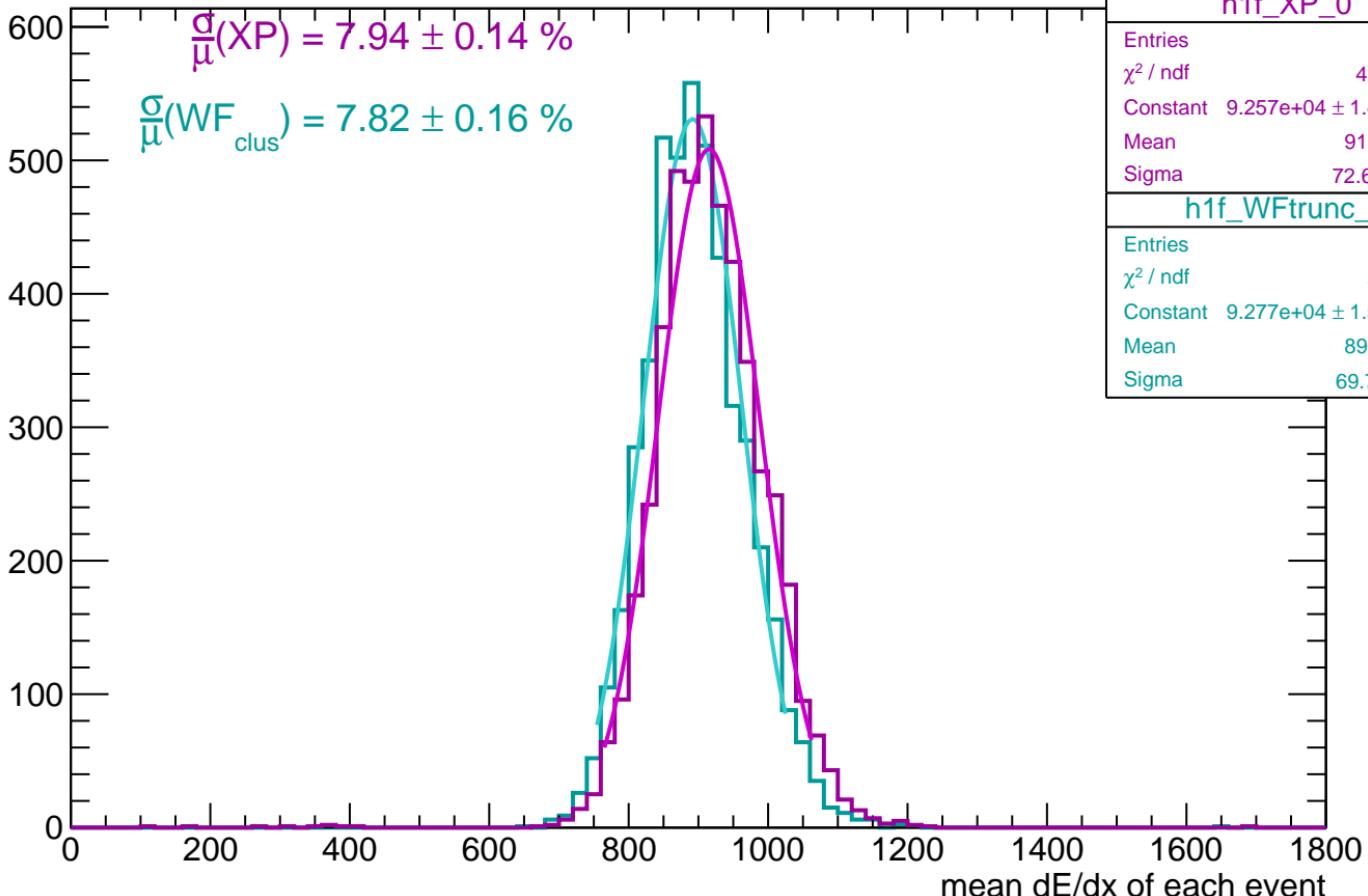

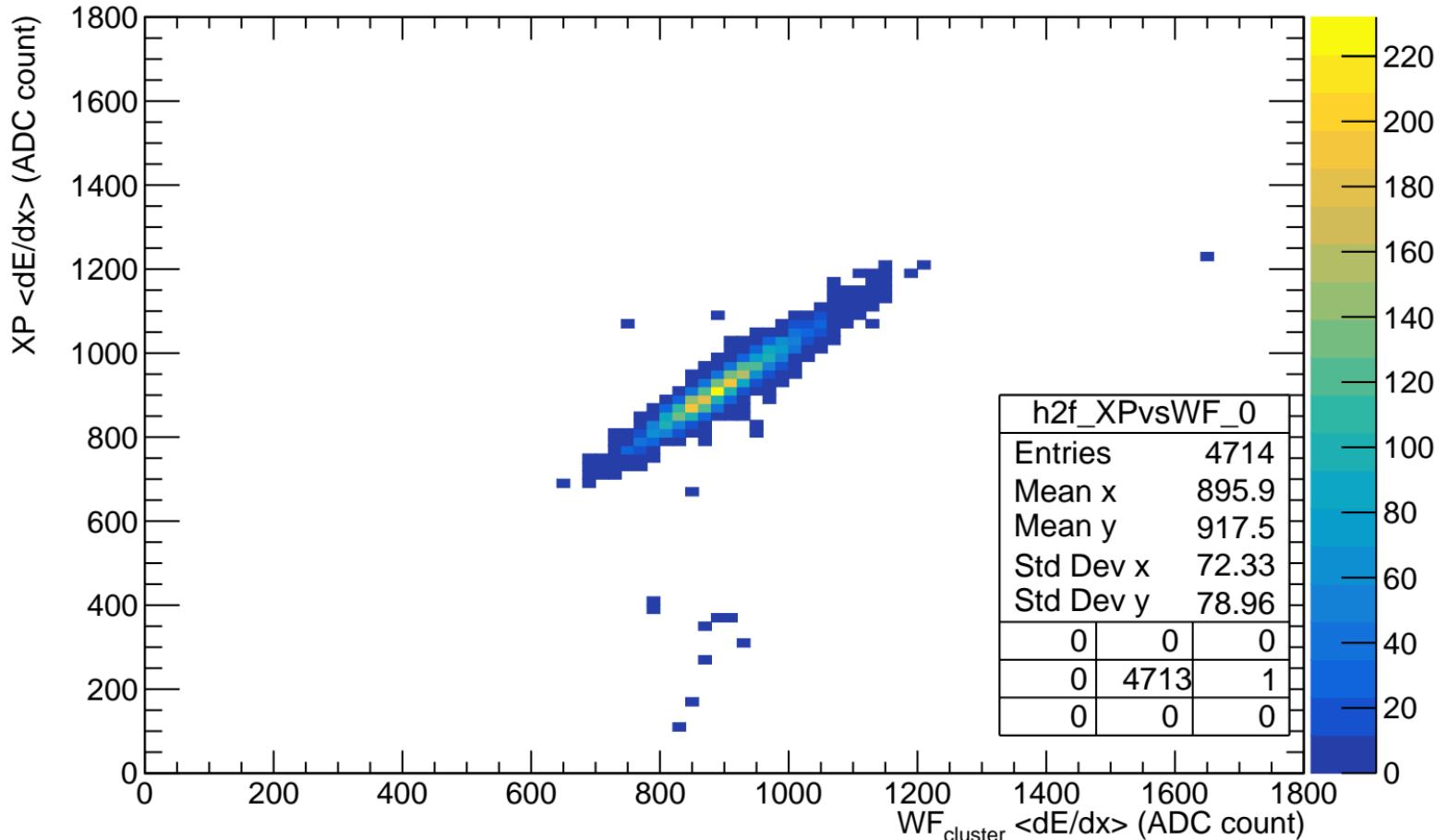$\frac{\sigma}{\mu}(XP) = 7.94 \pm 0.14\ \%$

$\frac{\sigma}{\mu}(WF_{clus}) = 7.82 \pm 0.16\ \%$

h1f_XP_0	
Entries	4714
χ^2 / ndf	43.31 / 12
Constant	$9.257e+04 \pm 1.422e+03$
Mean	915.3 ± 1.2
Sigma	72.63 ± 1.17

h1f_WFtrunc_0	
Entries	4714
χ^2 / ndf	36.3 / 10
Constant	$9.277e+04 \pm 1.515e+03$
Mean	891.6 ± 1.3
Sigma	69.71 ± 1.34

Counts

mean dE/dx of each event

XP vs WF$_{cluster}$ <dE/dx> (selected data, module 0)

h2f_XPvsWF_0	
Entries	4714
Mean x	895.9
Mean y	917.5
Std Dev x	72.33
Std Dev y	78.96

0	0	0
0	4713	1
0	0	0

WF$_{not\ trunc}$ - WF$_{trunc}$ vs WF$_{not\ trunc}$ (module 0)

h2f_WFmWFvsWF_0	
Entries	4714
Mean x	1180
Mean y	284.3
Std Dev x	110.2
Std Dev y	65.09

0	20	0
0	4692	2
0	0	0

WF$_{not\ trunc}$ <dE/dx> (ADC count)

WF$_{not\ trunc}$ - WF$_{trunc}$ <dE/dx> (ADC count)