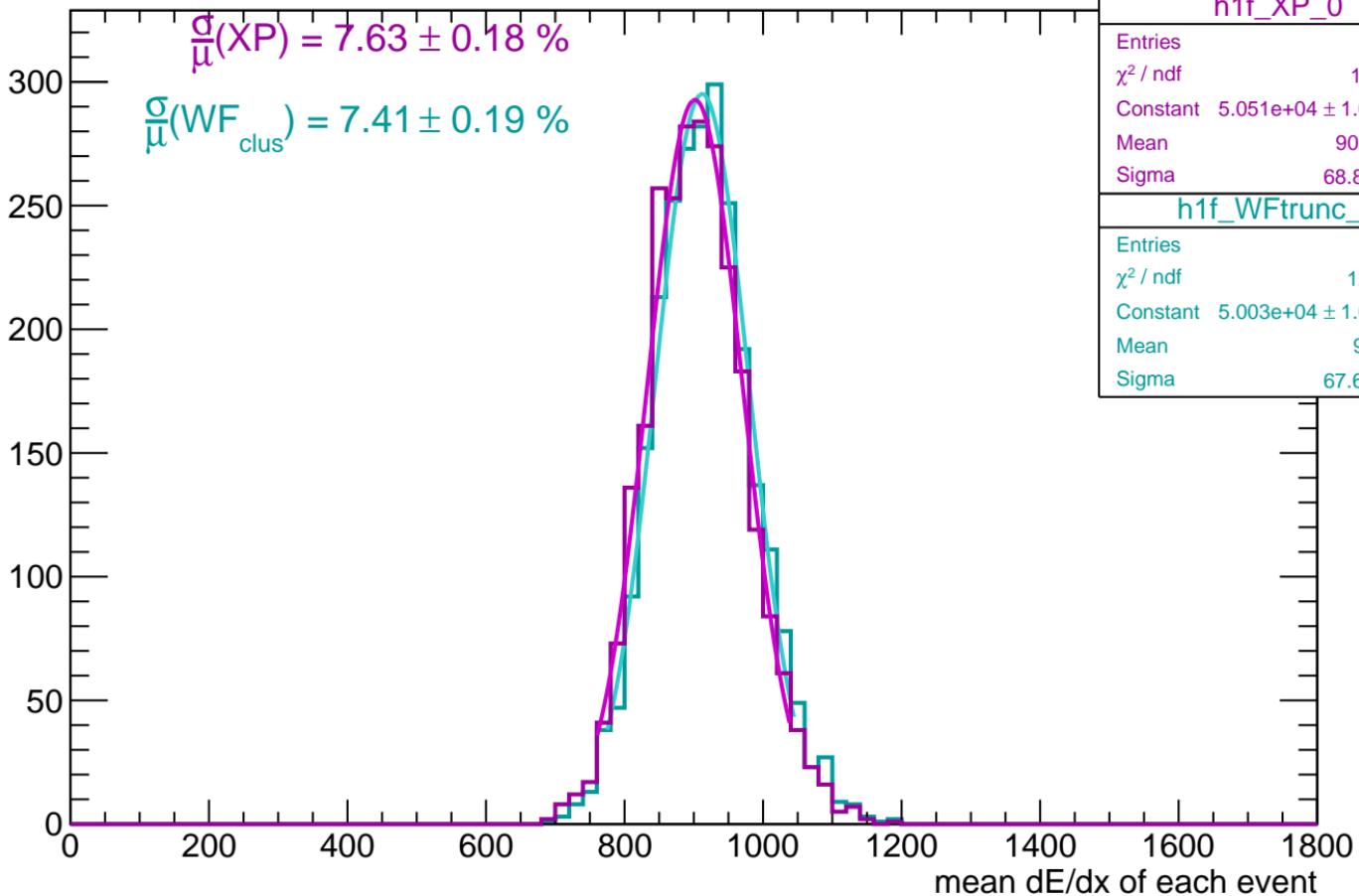# Mean dE/dx with electron_phi20_zm40

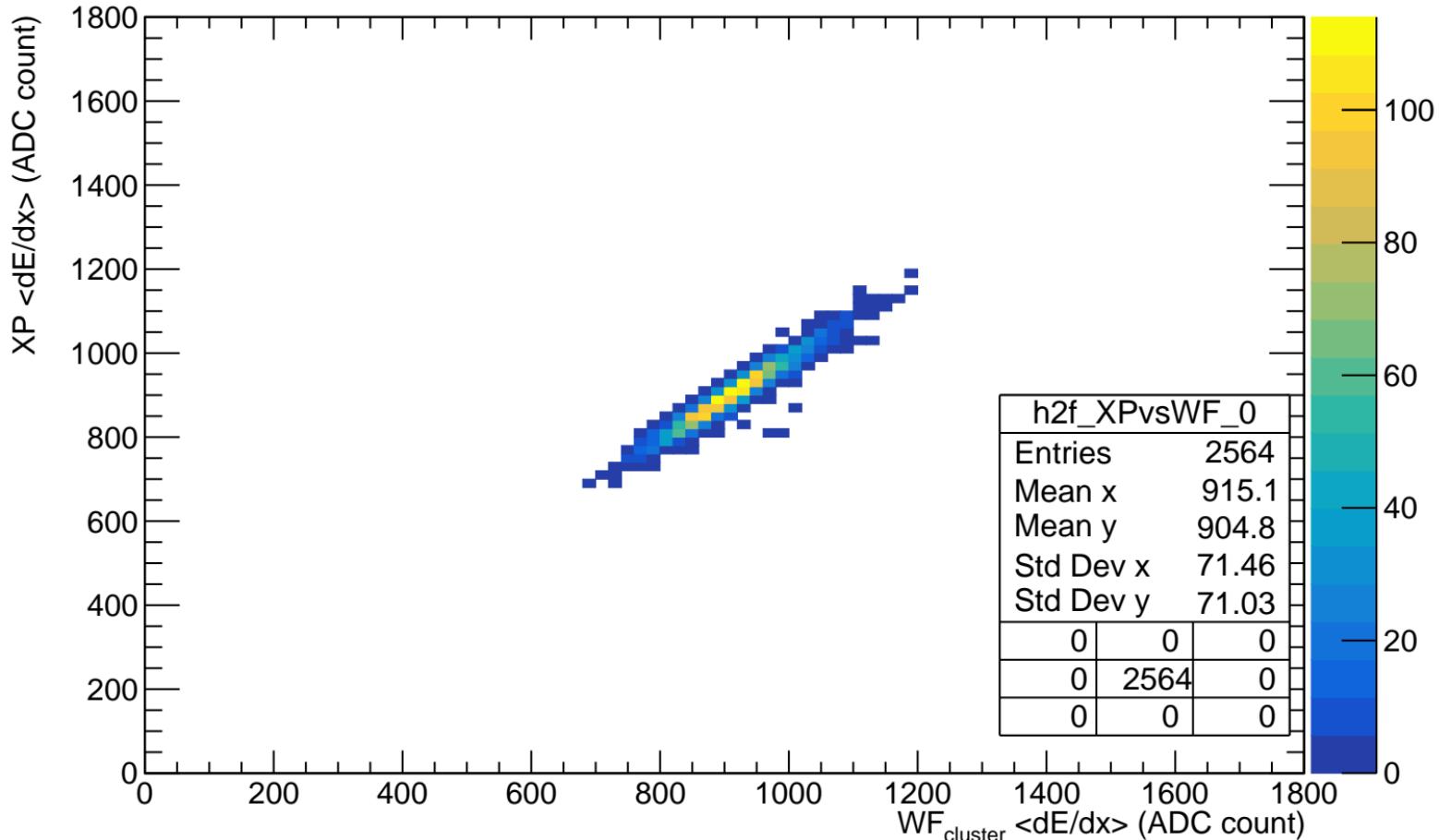
$\frac{\sigma}{\mu}(XP) = 7.63 \pm 0.18 \%$

$\frac{\sigma}{\mu}(WF_{clus}) = 7.41 \pm 0.19 \%$

h1f_XP_0	
Entries	2564
χ^2 / ndf	11.87 / 11
Constant	$5.051e+04 \pm 1.053e+03$
Mean	901.7 ± 1.6
Sigma	68.83 ± 1.50

h1f_WFtrunc_0	
Entries	2564
χ^2 / ndf	12.12 / 10
Constant	$5.003e+04 \pm 1.073e+03$
Mean	912 ± 1.6
Sigma	67.62 ± 1.62

Counts

mean dE/dx of each event

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

h2f_XPvsWF_0	
Entries	2564
Mean x	915.1
Mean y	904.8
Std Dev x	71.46
Std Dev y	71.03

0	0	0
0	2564	0
0	0	0

XP <dE/dx> (ADC count)

WF$_{cluster}$ <dE/dx> (ADC count)

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

h2f_WFmWFvsWF_0	
Entries	2564
Mean x	1210
Mean y	295.2
Std Dev x	105.2
Std Dev y	59.87

0	5	0
0	2559	0
0	0	0

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

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