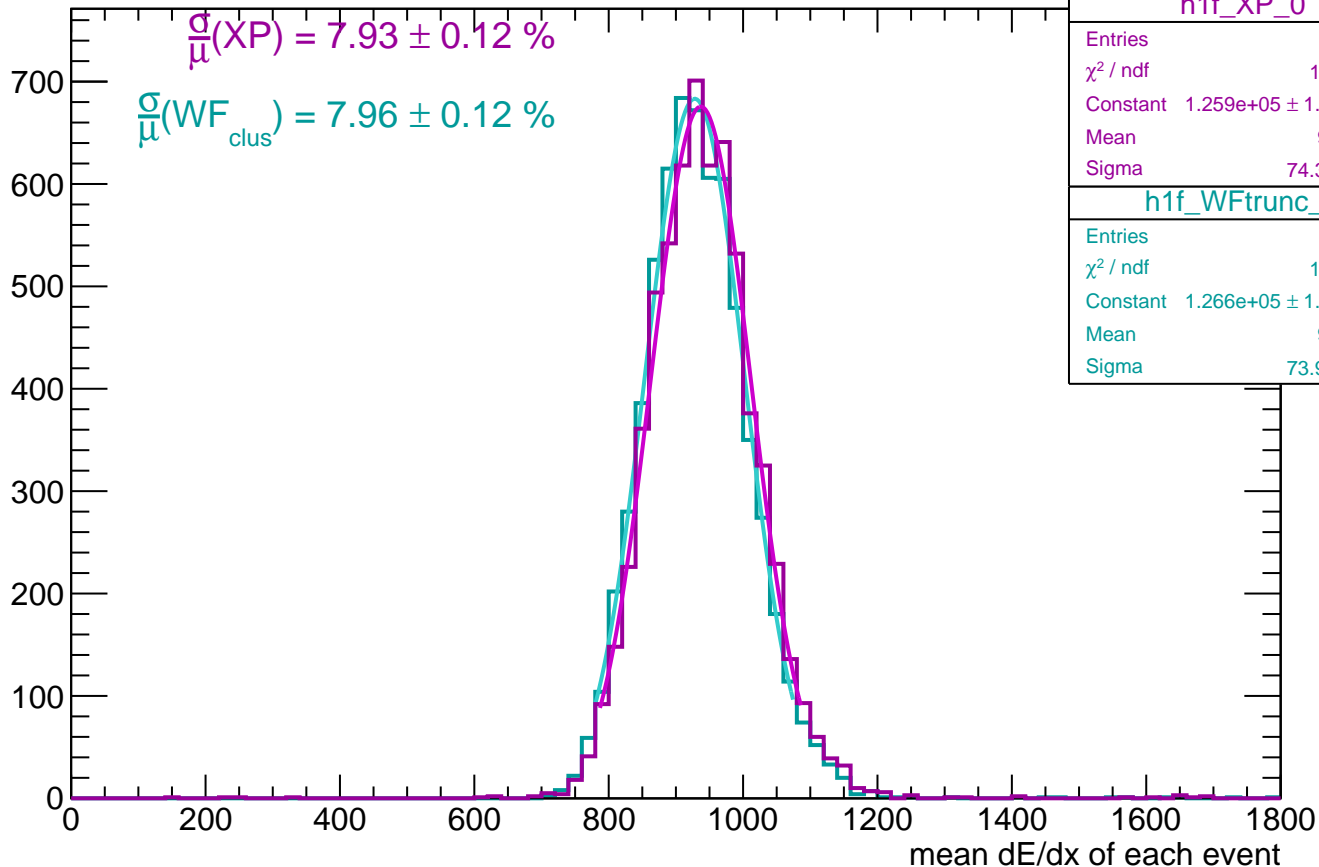# Mean dE/dx with electron_z560

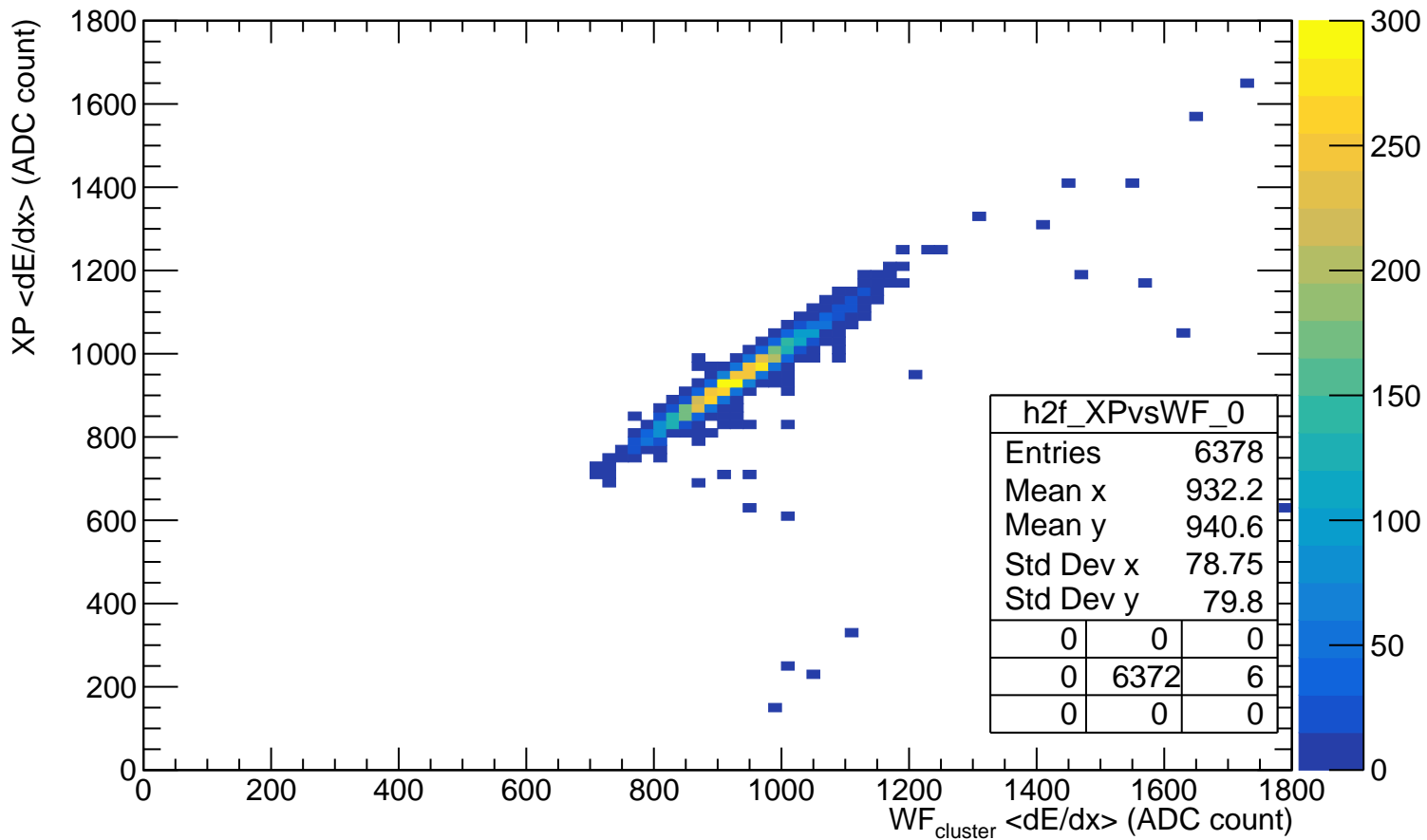

$\frac{\sigma}{\mu}(XP) = 7.93 \pm 0.12 \%$

$\frac{\sigma}{\mu}(WF_{clus}) = 7.96 \pm 0.12 \%$

h1f_XP_0	
Entries	6378
χ^2 / ndf	19.79 / 12
Constant	$1.259e+05 \pm 1.670e+03$
Mean	937 ± 1.1
Sigma	74.35 ± 1.04

h1f_WFtrunc_0	
Entries	6378
χ^2 / ndf	11.96 / 12
Constant	$1.266e+05 \pm 1.669e+03$
Mean	928 ± 1.1
Sigma	73.92 ± 1.02

Counts

mean dE/dx of each event

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

h2f_XPvsWF_0		
Entries		6378
Mean x		932.2
Mean y		940.6
Std Dev x		78.75
Std Dev y		79.8
0	0	0
0	6372	6
0	0	0

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

h2f_WFmWFvsWF_0		
Entries		6378
Mean x		0
Mean y		0
Std Dev x		0
Std Dev y		0
0	0	0
0	0	0
0	6378	0

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

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