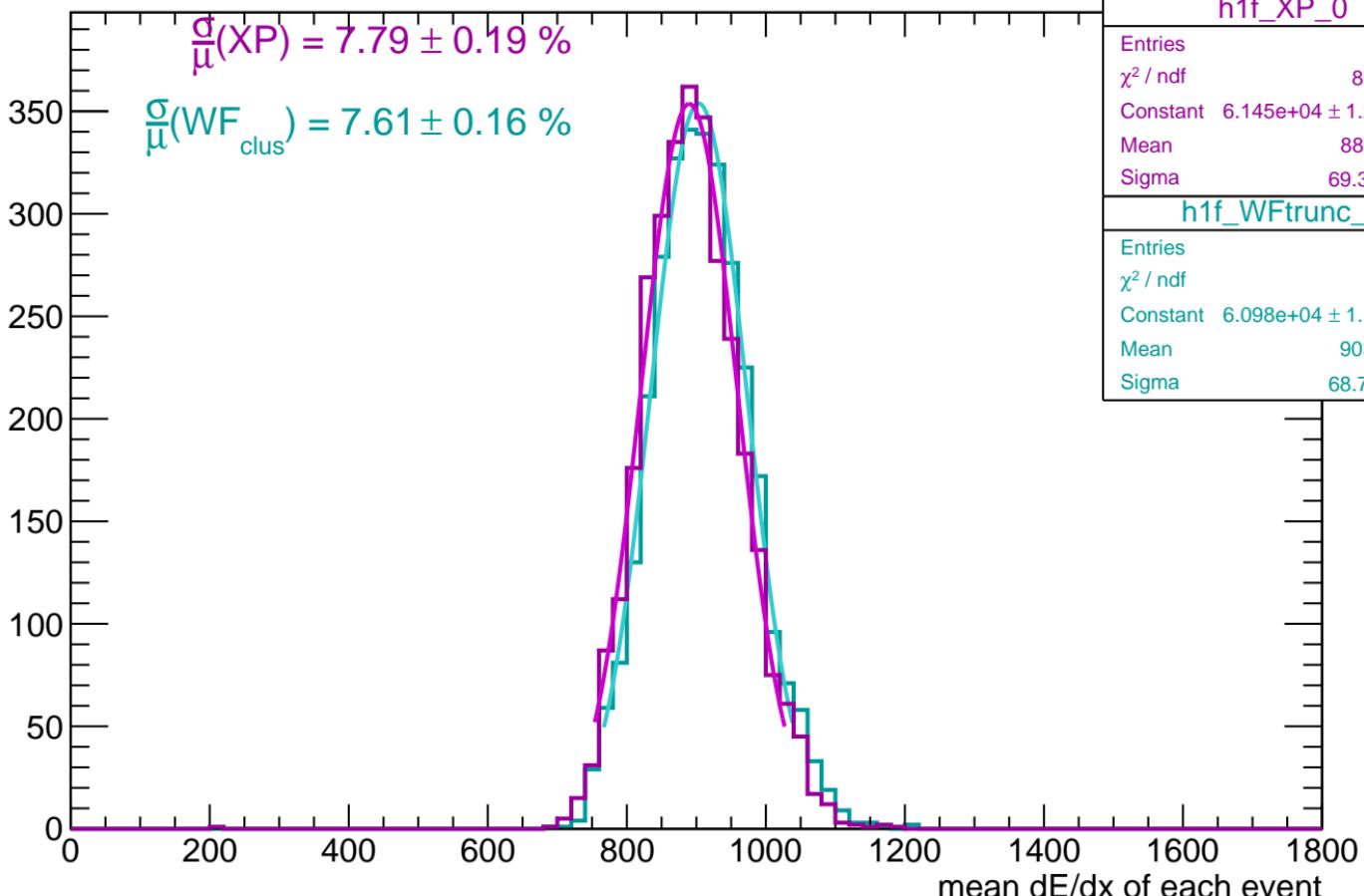# Mean dE/dx with electron_ym100



$\frac{\sigma}{\mu}$(XP) = 7.79 $\pm$ 0.19 %

$\frac{\sigma}{\mu}$(WF$_{clus}$) = 7.61 $\pm$ 0.16 %

| h1f_XP_0 | |
|---|---|
| Entries | 3094 |
| $\chi^2$ / ndf | 8.272 / 10 |
| Constant | 6.145e+04 $\pm$ 1.205e+03 |
| Mean | 889.7 $\pm$ 1.5 |
| Sigma | 69.32 $\pm$ 1.57 |

| h1f_WFtrunc_0 | |
|---|---|
| Entries | 3094 |
| $\chi^2$ / ndf | 7.92 / 11 |
| Constant | 6.098e+04 $\pm$ 1.158e+03 |
| Mean | 903.4 $\pm$ 1.4 |
| Sigma | 68.75 $\pm$ 1.38 |

Counts

mean dE/dx of each event

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



| h2f_XPvsWF_0 | | |
|---|---|---|
| Entries | | 0 |
| Mean x | | 0 |
| Mean y | | 0 |
| Std Dev x | | 0 |
| Std Dev y | | 0 |
| 0 | 0 | 0 |
| 0 | 0 | 0 |
| 0 | 0 | 0 |

XP <dE/dx> (ADC count)

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

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



| h2f_WFmWFvsWF_0 | | |
|---|---|---|
| Entries | | 0 |
| Mean x | | 0 |
| Mean y | | 0 |
| Std Dev x | | 0 |
| Std Dev y | | 0 |
| 0 | 0 | 0 |
| 0 | 0 | 0 |
| 0 | 0 | 0 |

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

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