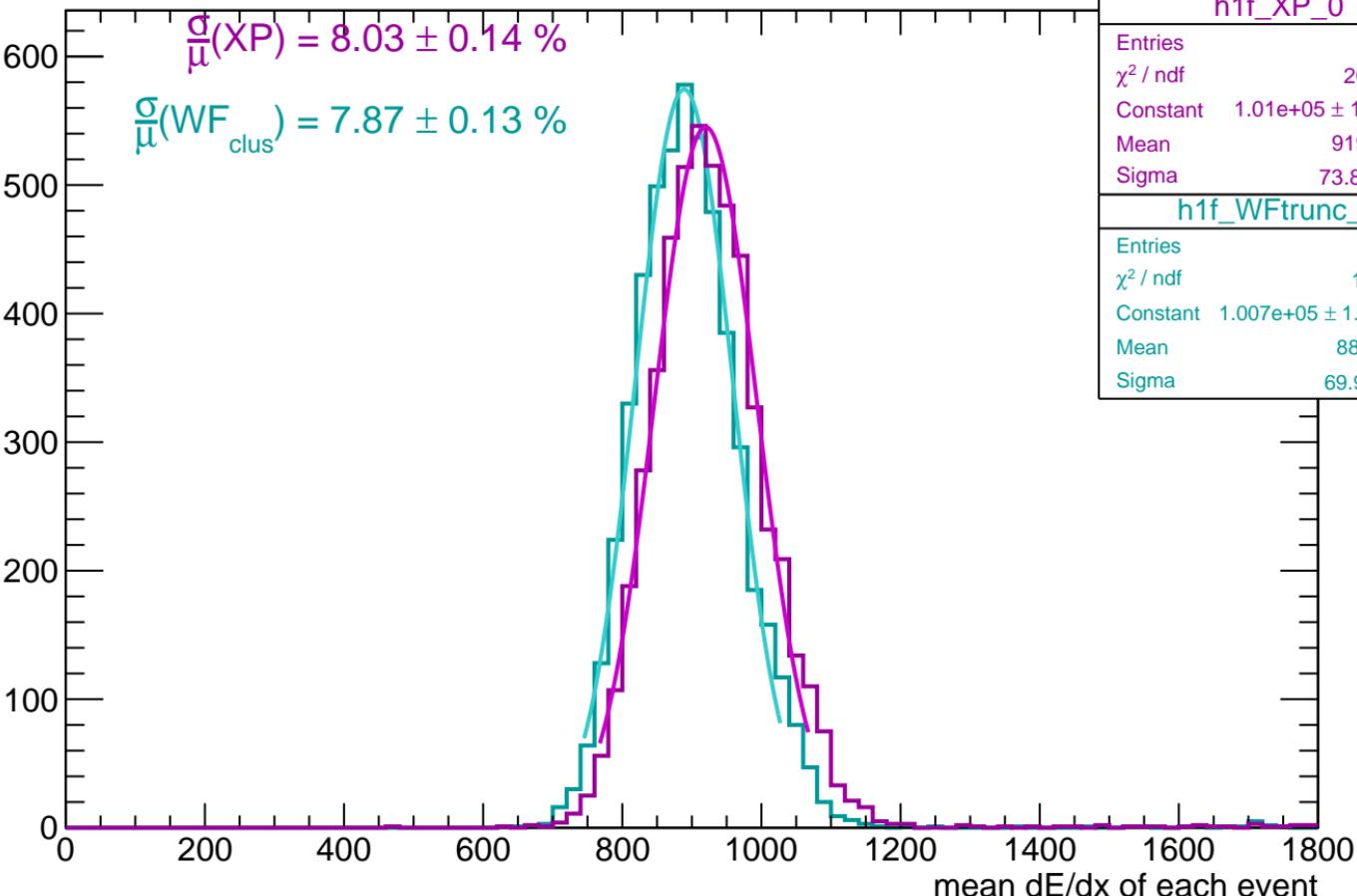# Mean dE/dx with electron_phi5_z860



$\frac{\sigma}{\mu}(XP) = 8.03 \pm 0.14 \%$

$\frac{\sigma}{\mu}(WF_{clus}) = 7.87 \pm 0.13 \%$

| h1f_XP_0 | |
| --- | --- |
| Entries | 5193 |
| $\chi^2$ / ndf | 20.73 / 12 |
| Constant | $1.01e{+}05 \pm 1.50e{+}03$ |
| Mean | $919.8 \pm 1.2$ |
| Sigma | $73.89 \pm 1.15$ |

| h1f_WFtrunc_0 | |
| --- | --- |
| Entries | 5193 |
| $\chi^2$ / ndf | 17.97 / 11 |
| Constant | $1.007e{+}05 \pm 1.500e{+}03$ |
| Mean | $888.8 \pm 1.2$ |
| Sigma | $69.93 \pm 1.10$ |

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$_{\text{not trunc}}$ - WF$_{\text{trunc}}$ vs WF$_{\text{not trunc}}$ (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 |

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

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