

# Mean dE/dx with electron\_z060

Counts

500  
400  
300  
200  
100  
0

$$\frac{\sigma}{\mu}(\text{XP}) = 7.77 \pm 0.14 \%$$

$$\frac{\sigma}{\mu}(\text{WF}) = 7.70 \pm 0.14 \%$$

mean dE/dx of each event

h1f\_XP

Entries	4420
$\chi^2 / \text{ndf}$	21.87 / 11
Constant	$8.542\text{e}+04 \pm 1.373\text{e}+03$
Mean	$886.8 \pm 1.2$
Sigma	$68.88 \pm 1.17$

h1f\_WFsum

Entries	4420
$\chi^2 / \text{ndf}$	26.36 / 11
Constant	$8.624\text{e}+04 \pm 1.380\text{e}+03$
Mean	$899.3 \pm 1.2$
Sigma	$69.27 \pm 1.19$