

Mean dE/dx with electron_phi20_zm40

Counts

300
250
200
150
100
50
0

$$\frac{\sigma}{\mu}(\text{XP}) = 7.61 \pm 0.18 \%$$

$$\frac{\sigma}{\mu}(\text{WF}) = 7.50 \pm 0.19 \%$$

mean dE/dx of each event

h1f_XP

Entries	2555
χ^2 / ndf	4.202 / 11
Constant	$5.003\text{e}+04 \pm 1.042\text{e}+03$
Mean	884.3 ± 1.5
Sigma	67.27 ± 1.46

h1f_WFsum

Entries	2555
χ^2 / ndf	12.8 / 11
Constant	$5.017\text{e}+04 \pm 1.059\text{e}+03$
Mean	928.7 ± 1.7
Sigma	69.69 ± 1.61