

Mean dE/dx with electron_phi40_diag_zm40

Counts

800
700
600
500
400
300
200
100
0

$$\frac{\sigma}{\mu}(\text{XP}) = 8.05 \pm 0.12 \%$$

$$\frac{\sigma}{\mu}(\text{WF}) = 8.11 \pm 0.12 \%$$

mean dE/dx of each event

h1f_XP

Entries	7462
χ^2 / ndf	10.11 / 11
Constant	$1.433\text{e}+05 \pm 1.810\text{e}+03$
Mean	893 ± 1.0
Sigma	71.92 ± 1.01

h1f_WFsum

Entries	7462
χ^2 / ndf	23.02 / 11
Constant	$1.433\text{e}+05 \pm 1.780\text{e}+03$
Mean	857.1 ± 1.0
Sigma	69.52 ± 0.91