

Mean dE/dx with e⁺ 1GeV

Counts

500

400

300

200

100

0

0

200

400

600

800

1000

1200

1400

1600

1800

mean dE/dx of each event

$$\frac{\sigma}{\mu}(\text{XP}) = 7.57 \pm 0.21 \%$$

$$\frac{\sigma}{\mu}(\text{WF}_{\text{clus}}) = 8.02 \pm 0.22 \%$$

h1f_XP

Entries	3269
χ^2 / ndf	23.62 / 6
Constant	$5.456\text{e}+04 \pm 1.140\text{e}+03$
Mean	623.6 ± 1.1
Sigma	47.2 ± 1.2

h1f_WFsum

Entries	3269
χ^2 / ndf	27.88 / 7
Constant	$5.637\text{e}+04 \pm 1.161\text{e}+03$
Mean	651.1 ± 1.2
Sigma	52.24 ± 1.32