

Mean dE/dx with μ^+ 1p5GeV (Mockup)

Counts

350
300
250
200
150
100
50
0

$$\frac{\sigma}{\mu}(\text{XP}) = 10.39 \pm 0.25 \%$$

$$\frac{\sigma}{\mu}(\text{WF}) = 10.65 \pm 0.28 \%$$

mean dE/dx of each event

h1f_XP

Entries	2152
χ^2 / ndf	29.07 / 8
Constant	$4.165\text{e}+04 \pm 9.387\text{e}+02$
Mean	489.3 ± 1.3
Sigma	50.84 ± 1.09

h1f_WFsum

Entries	2152
χ^2 / ndf	14.37 / 8
Constant	$4.237\text{e}+04 \pm 9.641\text{e}+02$
Mean	504.6 ± 1.3
Sigma	53.73 ± 1.27