

Mean dE/dx with electron_y80

Counts

500
400
300
200
100
0

$$\frac{\sigma}{\mu}(\text{XP}) = 8.09 \pm 0.14 \%$$

$$\frac{\sigma}{\mu}(\text{WF}) = 8.14 \pm 0.15 \%$$

mean dE/dx of each event

h1f_XP

Entries	4690
χ^2 / ndf	18.01 / 12
Constant	$9.266\text{e}+04 \pm 1.427\text{e}+03$
Mean	910.6 ± 1.2
Sigma	73.65 ± 1.20

h1f_WFsum

Entries	4690
χ^2 / ndf	9.62 / 12
Constant	$9.269\text{e}+04 \pm 1.440\text{e}+03$
Mean	929.7 ± 1.3
Sigma	75.69 ± 1.27