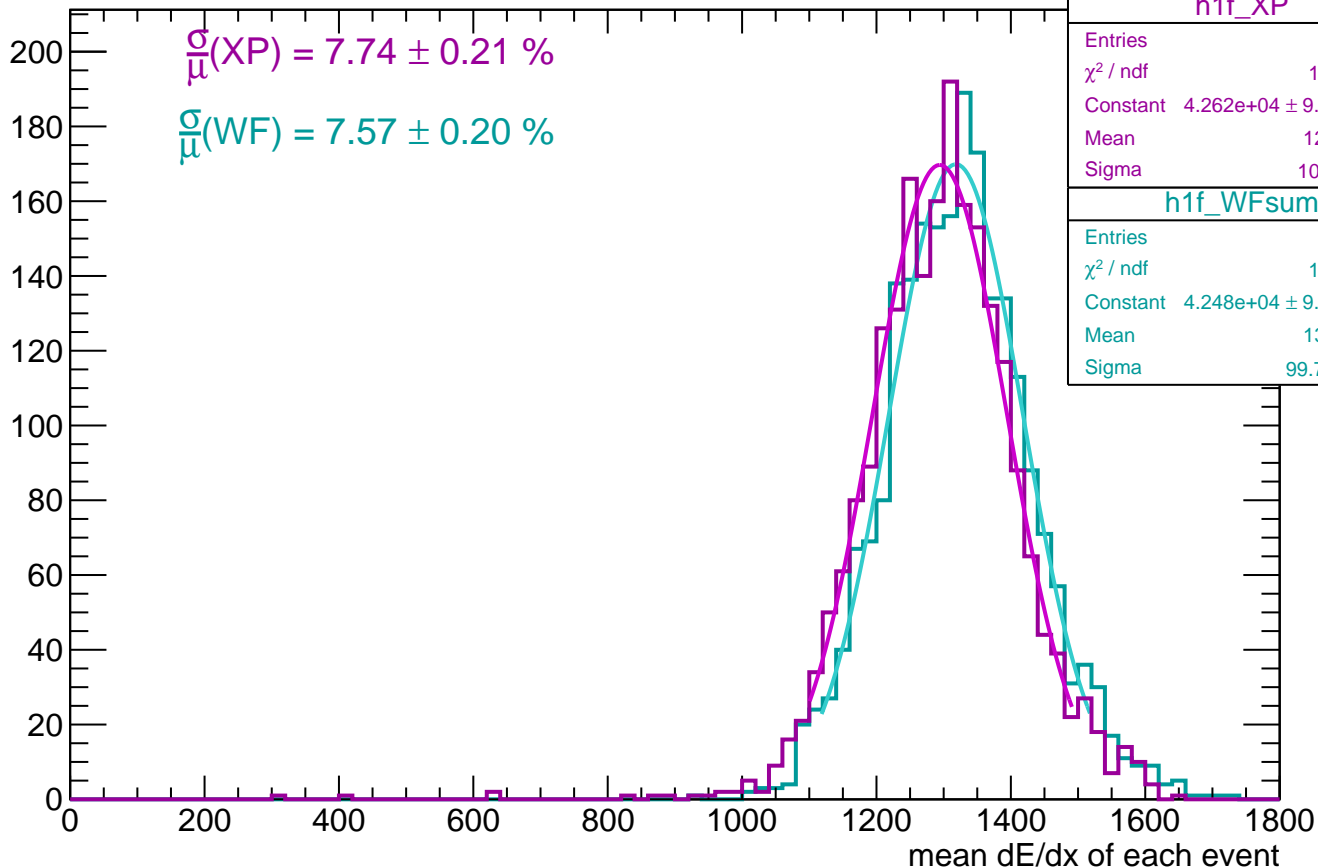# Mean dE/dx with electron_theta-20

$$\frac{\sigma}{\mu}(XP) = 7.74 \pm 0.21\ \%$$

$$\frac{\sigma}{\mu}(WF) = 7.57 \pm 0.20\ \%$$

h1f_XP	
Entries	2197
χ^2 / ndf	14.75 / 17
Constant	$4.262e+04 \pm 9.756e+02$
Mean	1294 ± 2.6
Sigma	100.2 ± 2.5

h1f_WFsum	
Entries	2197
χ^2 / ndf	19.81 / 17
Constant	$4.248e+04 \pm 9.718e+02$
Mean	1318 ± 2.5
Sigma	99.74 ± 2.46

Counts

mean dE/dx of each event