

Relative Uncertainty

ATLAS Work in progress

$\sqrt{s} = 13 \text{ TeV}, 140 \text{ fb}^{-1}$

TTGAMMATHEORYSYSTS

Scale Uncertainty

QCD Gen.: QCD_Sh2211

$$\text{Rel. Unc.} = \frac{\max(p_T^l(\mu_{R,1}, \mu_{F,1}) - p_T^l(\mu_{R,i}, \mu_{F,i}))}{p_T^l(\mu_{R,1}, \mu_{F,1})}$$

Uncertainty Envelope

Three CR Fit, Data

