

Relative Uncertainty

**ATLAS** Work in progress

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

TTGAMMATHEORYSYSTS

Scale Uncertainty

QCD Gen.: QCD\_Sh2211

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

— Uncertainty Envelope

Three CR Fit, Data

