

Relative Uncertainty

$\times 10^{-3}$

**ATLAS** Work in progress

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

TWGAMMATHEORYSYSTS

Scale Uncertainty

QCD Gen.: QCD\_Sh2211

$$\text{Rel. Unc.} = \frac{\max(\Delta\phi_{jj}^{\text{signed}}(\mu_{R,1}, \mu_{F,1}) - \Delta\phi_{jj}^{\text{signed}}(\mu_{R,i}, \mu_{F,i}))}{\Delta\phi_{jj}^{\text{signed}}(\mu_{R,1}, \mu_{F,1})}$$

— Uncertainty Envelope

Three CR Fit, Data

0.22  
0.2  
0.18  
0.16  
0.14  
0.12  
0.1  
0.08  
0.06  
0.04

-3 -2 -1 0 1 2 3  
 $\Delta\phi_{jj}^{\text{signed}}$

