

Relative Uncertainty

0

ATLAS Work in progress

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

BSEWTHEORYSYSTS

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

-0.015

-0.02

-0.025

-3

-2

-1

0

1

2

3

$\Delta\phi_{jj}^{\text{signed}}$

