

Relative Uncertainty

**ATLAS** Work in progress

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

TQGAMMATHEORYSYSTS

PDF Uncertainty

QCD Gen.: QCD\_Sh2211

— RMS of PDF Variations

Three CR Fit, Data

0.006  
0.005  
0.004  
0.003  
0.002  
0.001  
0  
-0.001

1000 1500 2000 2500 3000 3500 4000 4500 5000

$m_{jj} [\text{GeV}]$

