

Relative Uncertainty

$\times 10^{-3}$

ATLAS Work in progress

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

BSEWTHEORYSYSTS

PDF Uncertainty

QCD Gen.: QCD_Sh2211

— RMS of PDF Variations

Three CR Fit, Data

0.6

0.55

0.5

0.45

0.4

0.35

0.3

0.25

0.2

-3

-2

-1

0

1

2

3

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

