

Fractional Uncertainty

ATLAS Work in progress

$N_{\text{jets}}^{\text{gap}} = 0, \xi_{\text{ty}} < 0.35$ (EW SR)

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

Three CR Fit, Data

- | | |
|----------------|-----------------|
| ● JES | ■ JER |
| ▲ MET | ▼ EFF |
| ○ EG | □ MUON |
| △ PRW | ◇ lumi |
| ⊕ QCD ALPHA S | ▽ QCD SCALE |
| ★ QCD PDF | ✱ MC STATS |
| ▽ GEN CHOICE | ◆ GEN CHOICE EW |
| ✱ INTERFERENCE | △ FAKES |
| ✱ NONWY TH | ✱ SIGNAL TH |

0.15

0.1

0.05

0

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

-3 -2 -1 0 1 2 3