

Events

1600

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

Dilepton

 $O_{\text{NN}} \geq 0.6$ 

Post-Fit

● Data

■  $t\bar{t}\gamma$  decay■ e-fake  $\gamma$ 

/// Uncertainty

■  $t\bar{t}\gamma$  production■ h-fake  $\gamma$ ■ Other  $\gamma$ 

1000

800

600

400

200

0

Data / Pred.

1.25

1

0.75

0.5

50

100

150

200

250

300

350

400

450

 $p_{\text{T}}(j_1) [\text{GeV}]$ 