

Events

1600

1400

1200

1000

800

600

400

200

0

Data / Pred.

1.25

1

0.75

0.5

ATLAS

Internal

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

Dilepton

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

Pre-Fit

● Data

■ $t\bar{t}\gamma$ decay■ e-fake γ

/// Uncertainty

■ $t\bar{t}\gamma$ production■ h-fake γ ■ Other γ $p_{\text{T}}(j_1) [\text{GeV}]$ 