

Events

1000

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

Dilepton

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

Post-Fit

 $t\bar{t}\gamma$  production $t\bar{t}\gamma$  decayh-fake  $\gamma$ e-fake  $\gamma$ Other  $\gamma$ 

Uncertainty

600

400

200

0

Data / Pred.

1.25

1

0.75

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

500

250

300

350

400

450

50

100

150

200

250

300

350

400

450

500