

Events / 0.2

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

Single lepton

CR $t\bar{t}\gamma$ decay

Post-Fit

● Data

■ h-fake γ ■ Other γ

/// Uncertainty

■ $t\bar{t}\gamma$ ■ e-fake γ

■ Lep. fakes

5000

4000

3000

2000

1000

0

Data / Pred.

1.25

1

0.75

0.5

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

 $|\eta(\gamma)|$ 