

Events

800

ATLAS

Internal

 $\sqrt{s} = 13 \text{ TeV}, 140.1 \text{ fb}^{-1}$ $ee+e\mu+\mu\mu$ $O_{\text{NN}} \geq 0.6$

Pre-Fit

■ $t\bar{t}\gamma(\text{prod.})$ 1449.4■ $t\bar{t}\gamma(\text{dec.})$ 292.4■ h-fake 84.1■ e-fake 18.8■ Other γ 245.9

Total 2090.6

500

400

300

200

100

0

Data / Pred.

1.25

1

0.75

0.5

0.5

1

1.5

2

2.5

3

 $\min \Delta R(\gamma, l)$

Uncertainty

