

Events

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

Dilepton

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

Post-Fit

● Data

■ $t\bar{t}\gamma$ decay■ e-fake γ

/// Uncertainty

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

1000

800

600

400

200

0

Data / Pred.

1.25

1

0.75

0.5

0

50

100

150

200

250

300

350

400

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