

Events

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

Dilepton

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

Post-Fit

● Data

■  $t\bar{t}\gamma$  decay■ e-fake  $\gamma$ 

/// Uncertainty

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

3500

3000

2500

2000

1500

1000

500

0

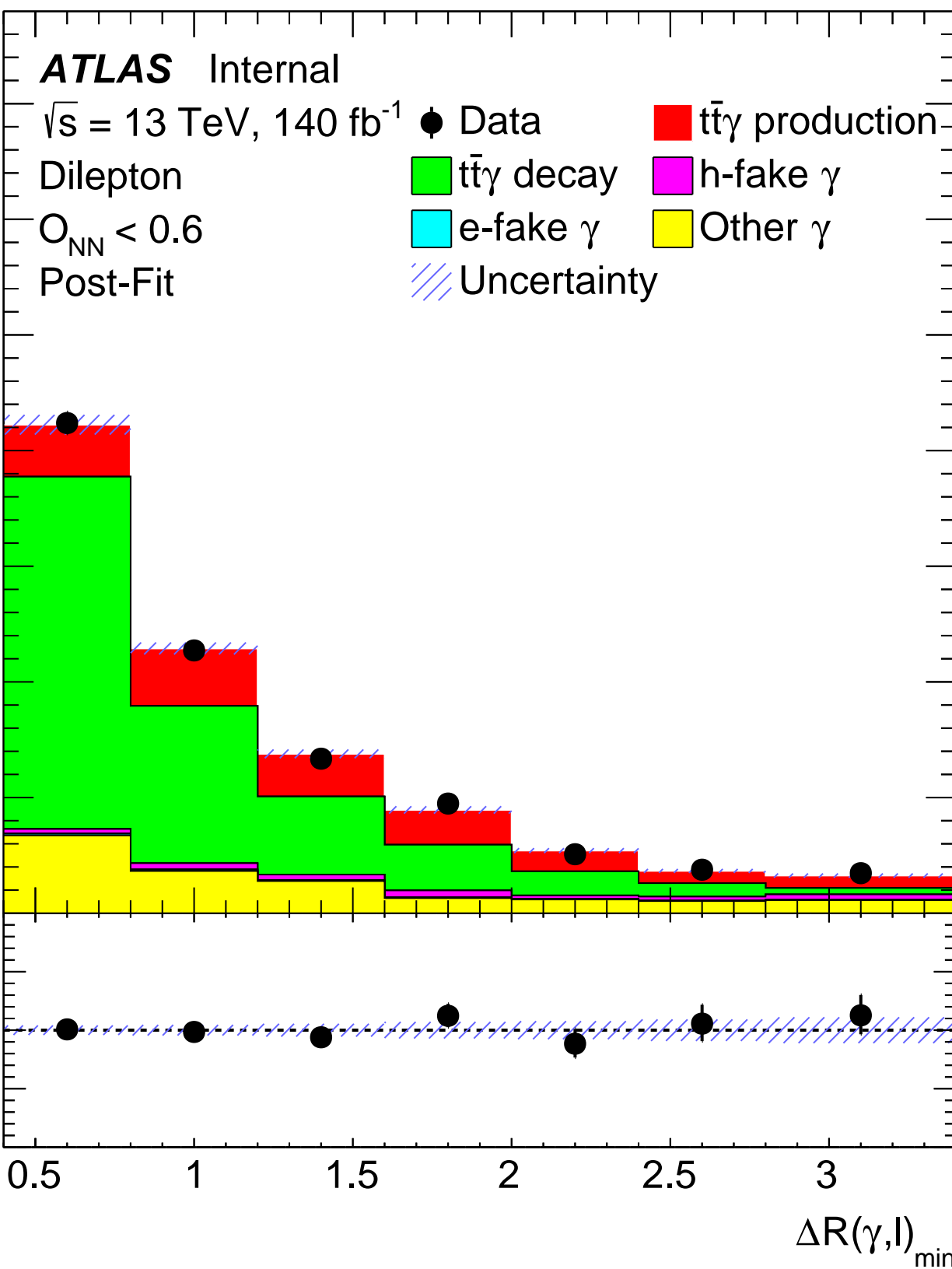
Data / Pred.

1.25

1

0.75

0.5

 $\Delta R(\gamma, l)_{\min}$