

Events / 0.4

1400  
1200  
1000  
800  
600  
400  
200  
0**ATLAS**

Internal

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

Pre-Fit



data 5013.0

 $t\bar{t}\gamma(\text{incl.})$  3711.4

h-fake 133.3



e-fake 26.7

Other  $\gamma$  850.1

Total 4721.6



Uncertainty

Data / Pred.

1.25  
1  
0.75  
0.50.5 1 1.5 2 2.5 3  
 $\min \Delta R(\gamma, b)$ 