

$p_T^\gamma = [200.0, 250.0]$ 41.53 fb<sup>-1</sup> (13 TeV)

Fraction of Events

Purity in acceptance: 95.9%  
Purity in full range: 94.2 ± 0.3%

● Data

— Fit over full range

- - Real photon template

- - Fake photon template

1  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>  
10<sup>-5</sup>  
10<sup>-6</sup>  
10<sup>-7</sup>

0.004 0.006 0.008 0.01 0.012 0.014 0.016 0.018 0.02

 $\sigma_{i\eta i\eta}$ 