

$p_T^\gamma = [200.0, 250.0]$ 59.7 fb<sup>-1</sup> (13 TeV)

Fraction of Events

Purity in acceptance: 95.8%

Purity in full range: 93.9 ± 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

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