

$p_T^\gamma = [200.0, 250.0]$ 35.92 fb<sup>-1</sup> (13 TeV)

Fraction of Events

**CMS Preliminary**

Purity in acceptance: 96.6%

Purity in full range:  $94.3 \pm 0.4\%$ 

• Data

— Fit over full range

- - Real photon template

- - Fake photon template

