

$p_T^\gamma = [500.0, 600.0]$ 59.74 fb<sup>-1</sup> (13 TeV)

Fraction of Events

**CMS Preliminary**

Purity in acceptance: 98.2%

Purity in full range:  $96.6 \pm 1.1\%$ 

● Data

— Fit over full range

- - - Real photon template

- - - Fake photon template

