

$p_T^\gamma = [300.0, 400.0]$ 41.53 fb<sup>-1</sup> (13 TeV)

Fraction of Events

**CMS Preliminary**

Purity in acceptance: 97.3%

Purity in full range: 95.1 ± 0.4%

• Data

— Fit over full range

- - Real photon template

- - Fake photon template

