

$p_T^\gamma = [600.0, 1000.0)$ 35.92 fb<sup>-1</sup> (13 TeV)

Fraction of Events

**CMS Preliminary**Purity in acceptance: 98.6%  
Purity in full range: 96.6 ± 1.8%

• Data

— Fit over full range

- - - Real photon template

- - - Fake photon template

