

$p_T^\gamma = [600.0, 1000.0)$ 59.74 fb<sup>-1</sup> (13 TeV)**CMS Preliminary**

Fraction of Events

Purity in acceptance: 98.2%  
Purity in full range: 97.2 ± 1.4%

● Data

— Fit over full range

- - - Real photon template

- - - Fake photon template

