

CMS Preliminary

35.9 fb<sup>-1</sup> (13 TeV)

$pp \rightarrow X \rightarrow HH \rightarrow b\bar{b}\gamma\gamma$

$m_X = 320$  GeV Selection

Medium purity category

● Data

— Background model  
(2nd Order Bernstein Pol.)

Fit  $\pm 1\sigma$

Fit  $\pm 2\sigma$

Events/(1 GeV)

