

8 TeV

Fraction of events / 20 GeV

CMS
Simulation $pp \rightarrow HH \rightarrow \gamma\gamma b\bar{b}$ ■ $\gamma\gamma/\gamma\text{jet} + \geq 2 \text{ jets}$ — SM: $\kappa_\lambda = 1, c_2 = 0$ - - $\kappa_\lambda = 20, c_2 = 0$ - · $\kappa_\lambda = -10, c_2 = 3$ — $m_\chi = 300 \text{ GeV}$ - · $m_\chi = 700 \text{ GeV}$ 