

CMS Preliminary

 $L = 19.7 \text{ fb}^{-1}$ $\sqrt{s} = 8 \text{ TeV}$ $X \rightarrow HH \rightarrow \gamma\gamma b\bar{b}$

Medium purity

 $m_X = 260 \text{ GeV}$

● Data

— Fit

Fit $\pm 2\sigma$ Fit $\pm 1\sigma$ 