

CMS Preliminary

$L = 19.7 \text{ fb}^{-1}$ $\sqrt{s} = 8 \text{ TeV}$

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

Medium purity

$m_X = 270 \text{ GeV}$

● Data

— Fit

Fit $\pm 2\sigma$

Fit $\pm 1\sigma$

