

CMS**138 fb⁻¹ (13 TeV)**

Events / (5 GeV)

(Spin-0) $X \rightarrow HY \rightarrow \gamma\gamma b\bar{b}$ $m_H = 125$ GeV $m_Y = 90$ GeV

CAT 0

• Data

- - - S+B fit

— B component

■ $\pm 1 \sigma$ ■ $\pm 2 \sigma$ 