

CMS $137 \text{ fb}^{-1} (13 \text{ TeV})$ $\text{HH} \rightarrow \gamma\gamma b\bar{b}$ $m_{\text{H}} = 125 \text{ GeV}$

ggF CAT 0

• Data

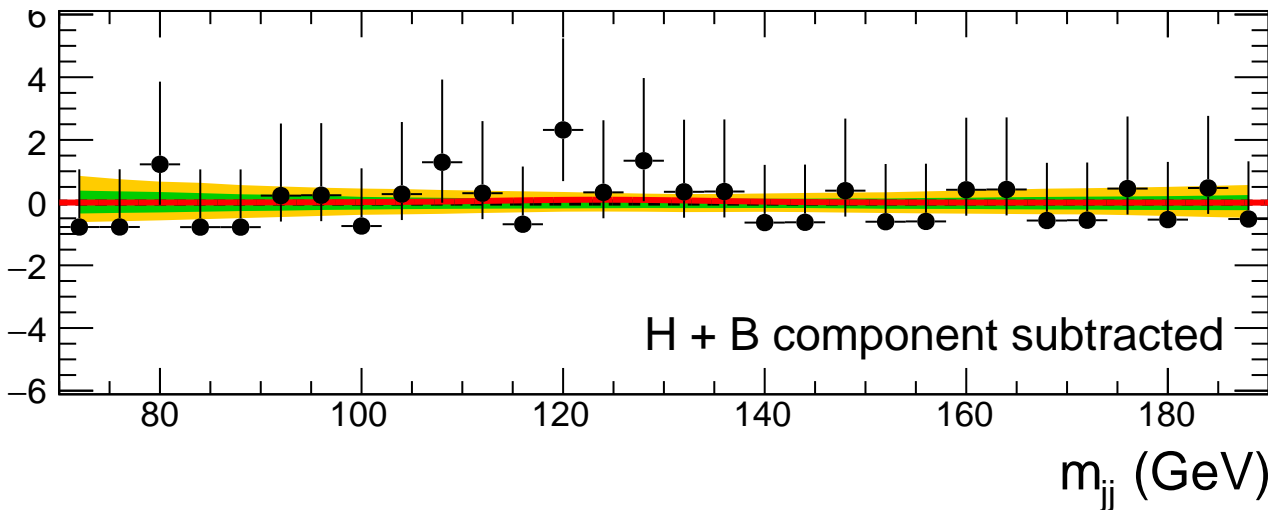
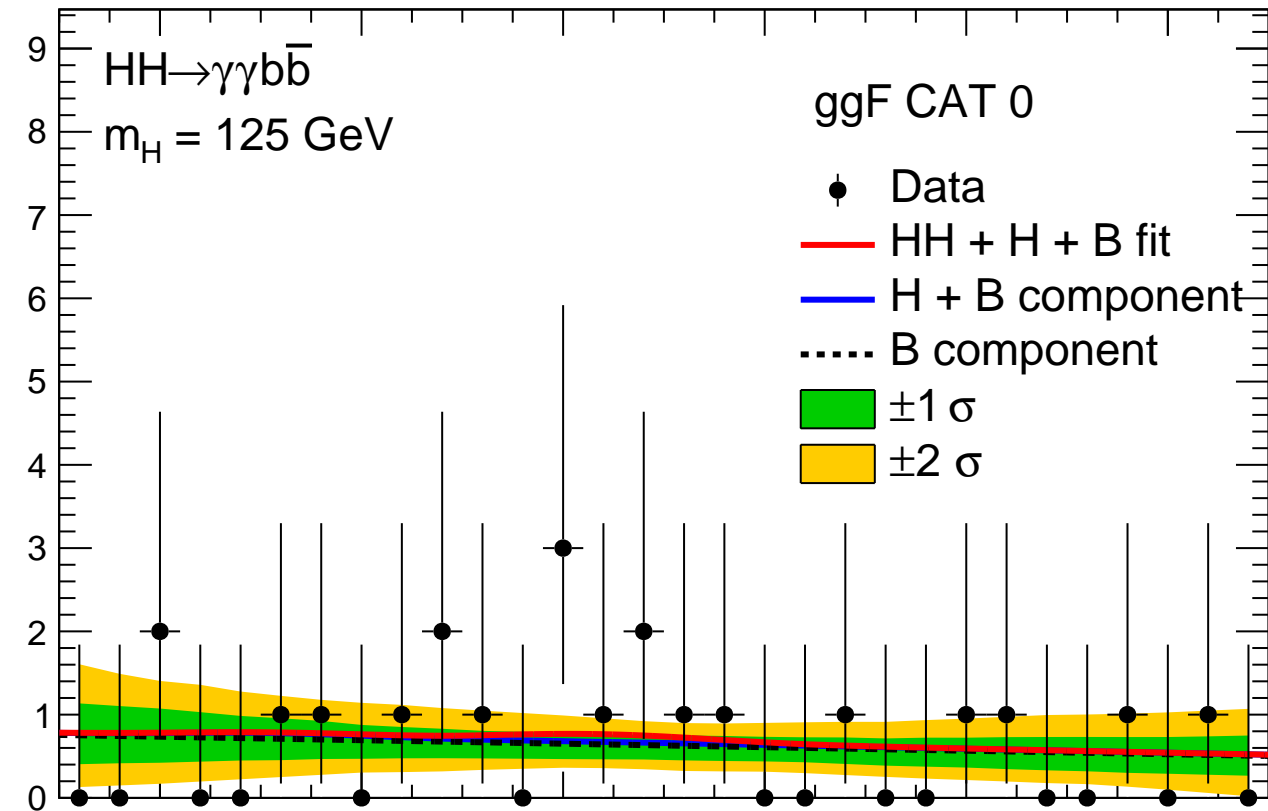
— HH + H + B fit

— H + B component

⋯ B component

■ $\pm 1 \sigma$ ■ $\pm 2 \sigma$

Events / (4 GeV)



H + B component subtracted

 $m_{jj} \text{ (GeV)}$