

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

VBF CAT 0

• Data

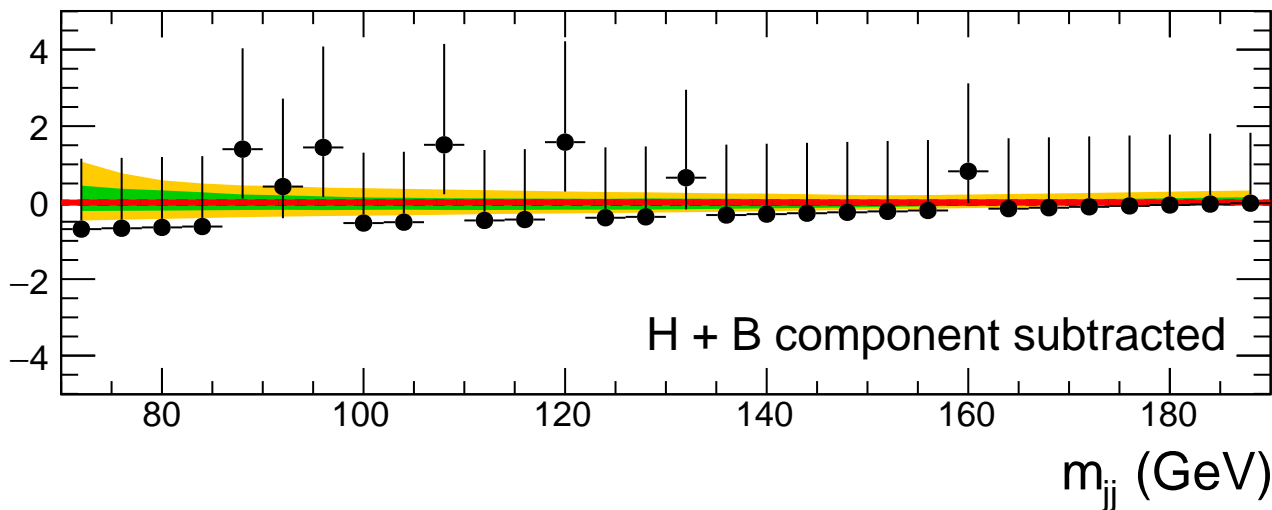
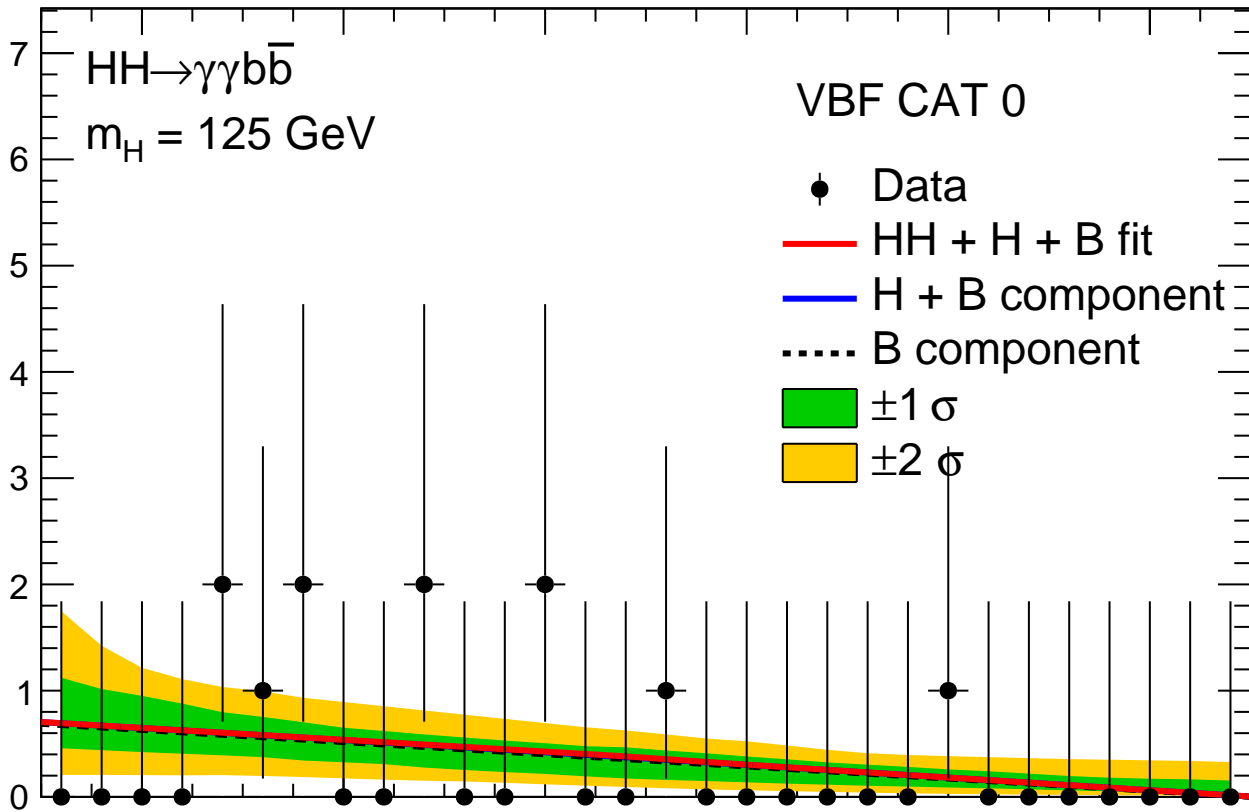
— HH + H + B fit

— H + B component

⋯ B component

±1  $\sigma$ ±2  $\sigma$ 

Events / ( 4 GeV )

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