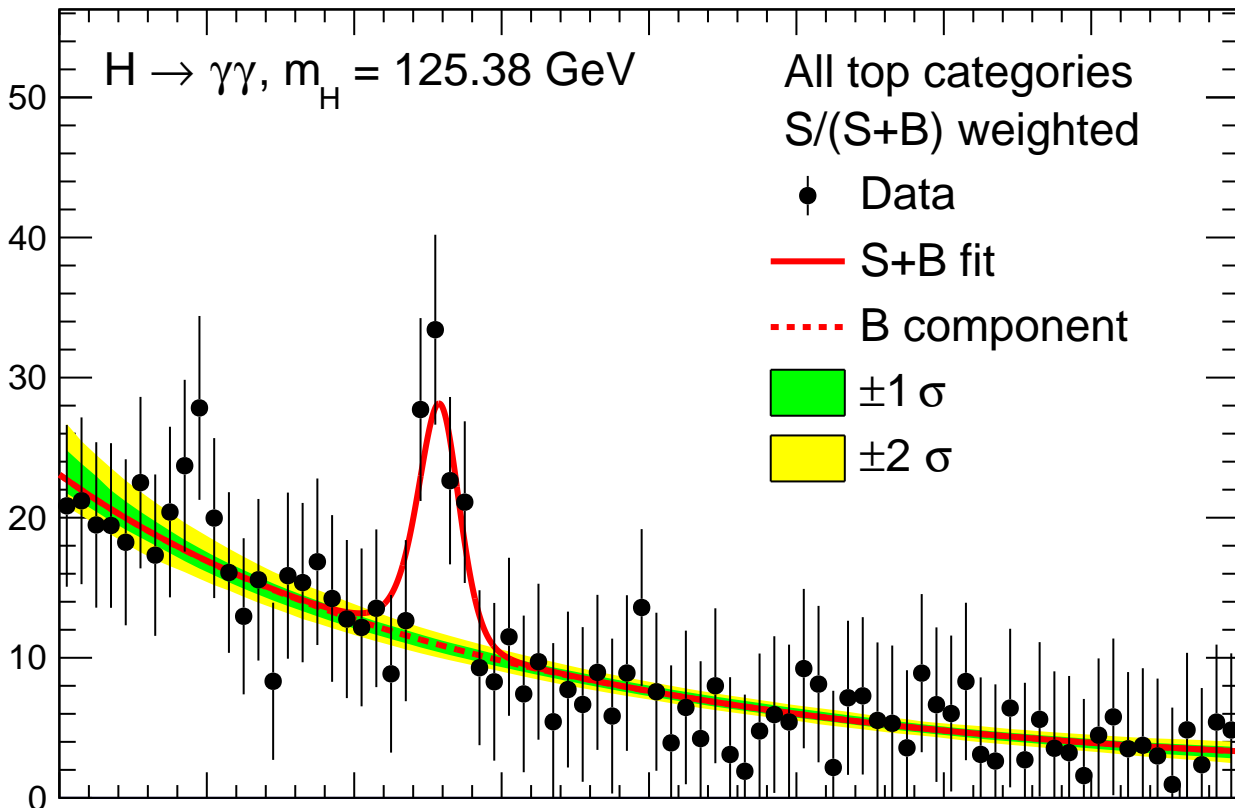


CMS $137 \text{ fb}^{-1} (13 \text{ TeV})$ $S/(S+B)$ weighted events / GeV $H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$ All top categories
 $S/(S+B)$ weighted

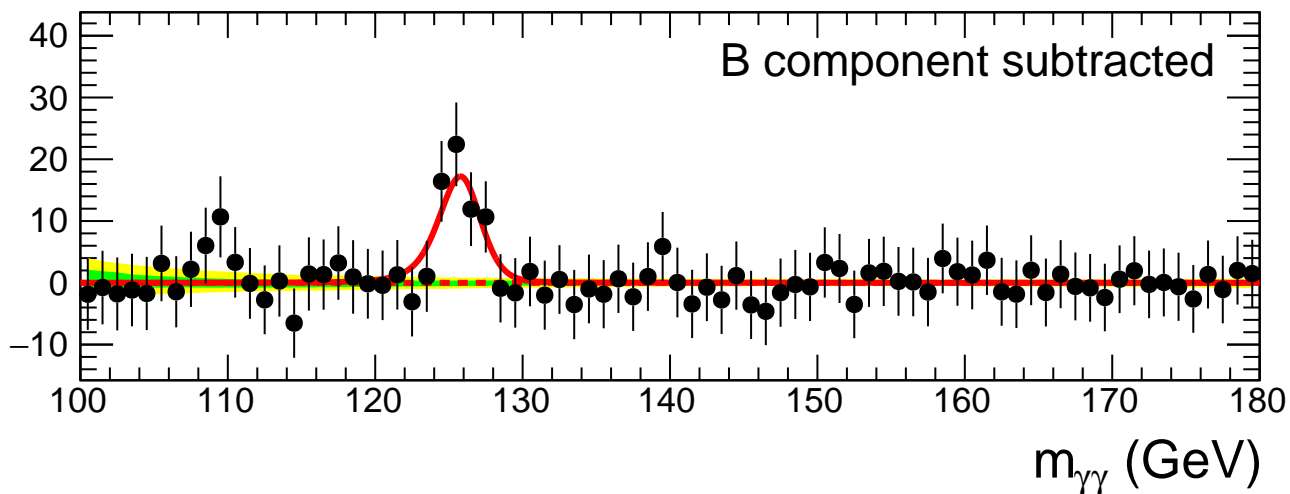
• Data

— S+B fit

- - - B component

■ $\pm 1 \sigma$ ■ $\pm 2 \sigma$ 

B component subtracted

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