

CMS $137 \text{ fb}^{-1} (13 \text{ TeV})$

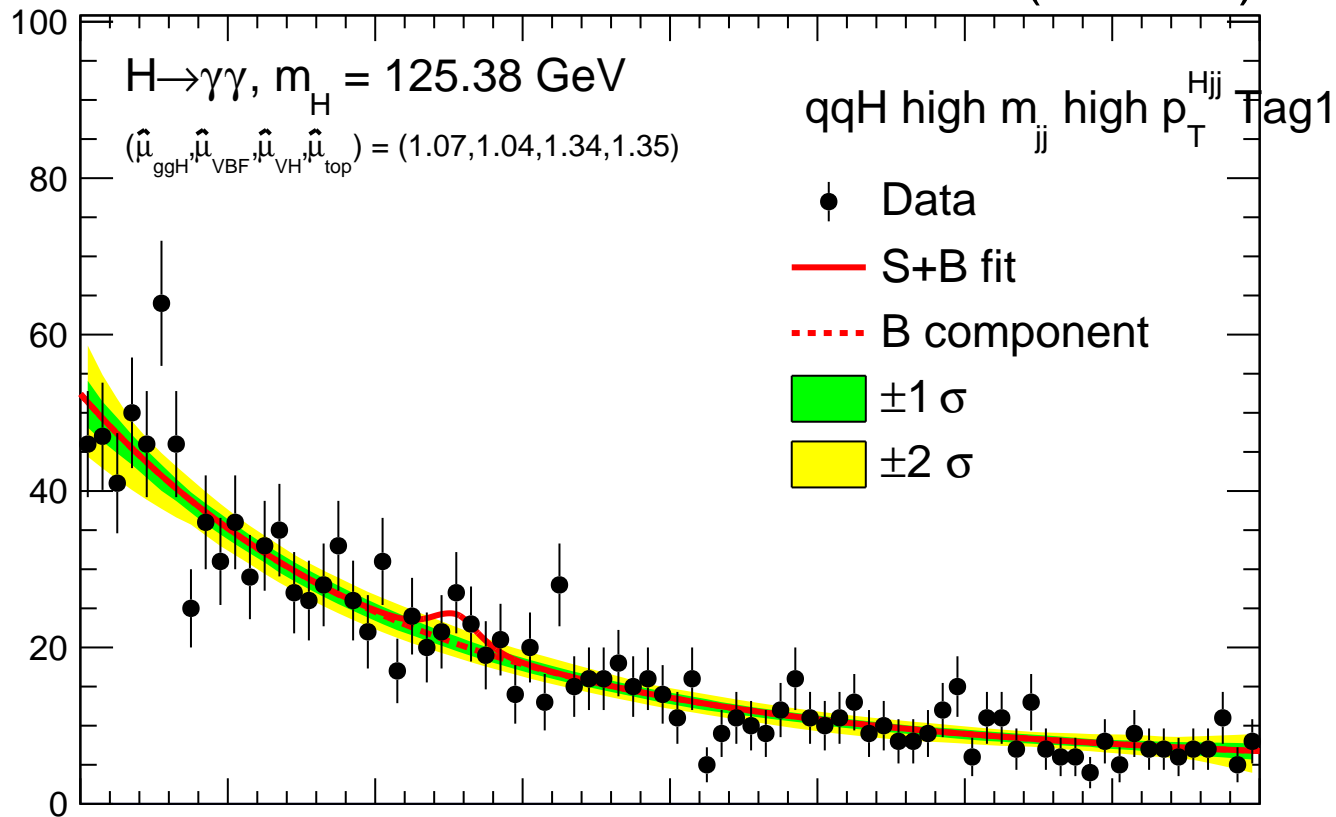
Events / GeV

 $H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$ $(\hat{\mu}_{\text{ggH}}, \hat{\mu}_{\text{VBF}}, \hat{\mu}_{\text{VH}}, \hat{\mu}_{\text{top}}) = (1.07, 1.04, 1.34, 1.35)$ qqH high m_{jj} high p_T^{Hjj} Tag1

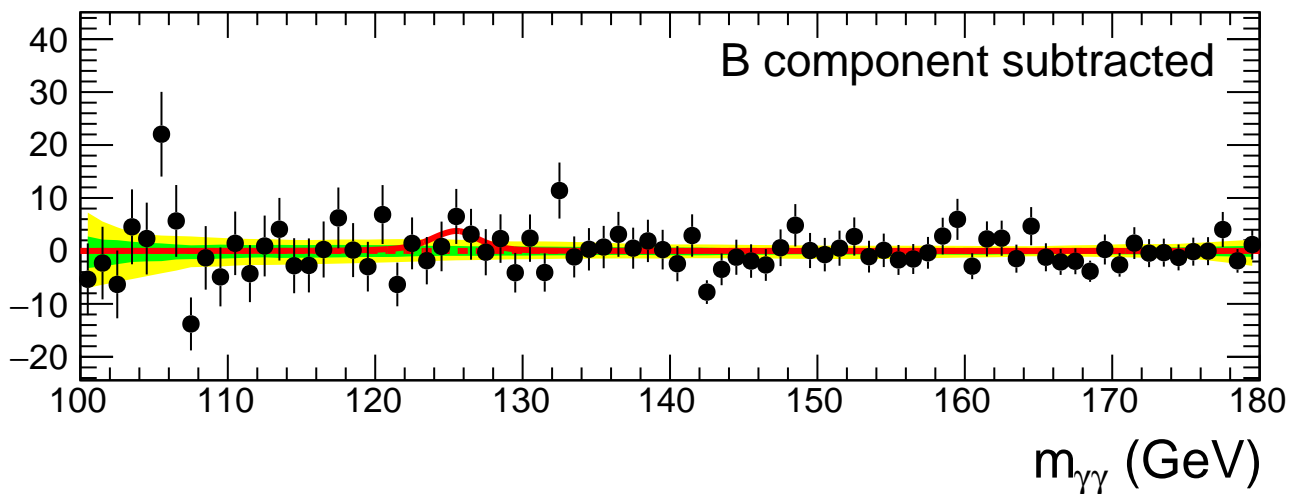
• Data

— S+B fit

- - - B component

■ $\pm 1 \sigma$ ■ $\pm 2 \sigma$ 

B component subtracted

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