

**CMS** $138 \text{ fb}^{-1} (13 \text{ TeV})$ 

Events / 2 GeV

 $X_{320} \rightarrow Y_{60}(\rightarrow \tau\tau)H(\rightarrow \gamma\gamma)$ 

● Data

--- B model

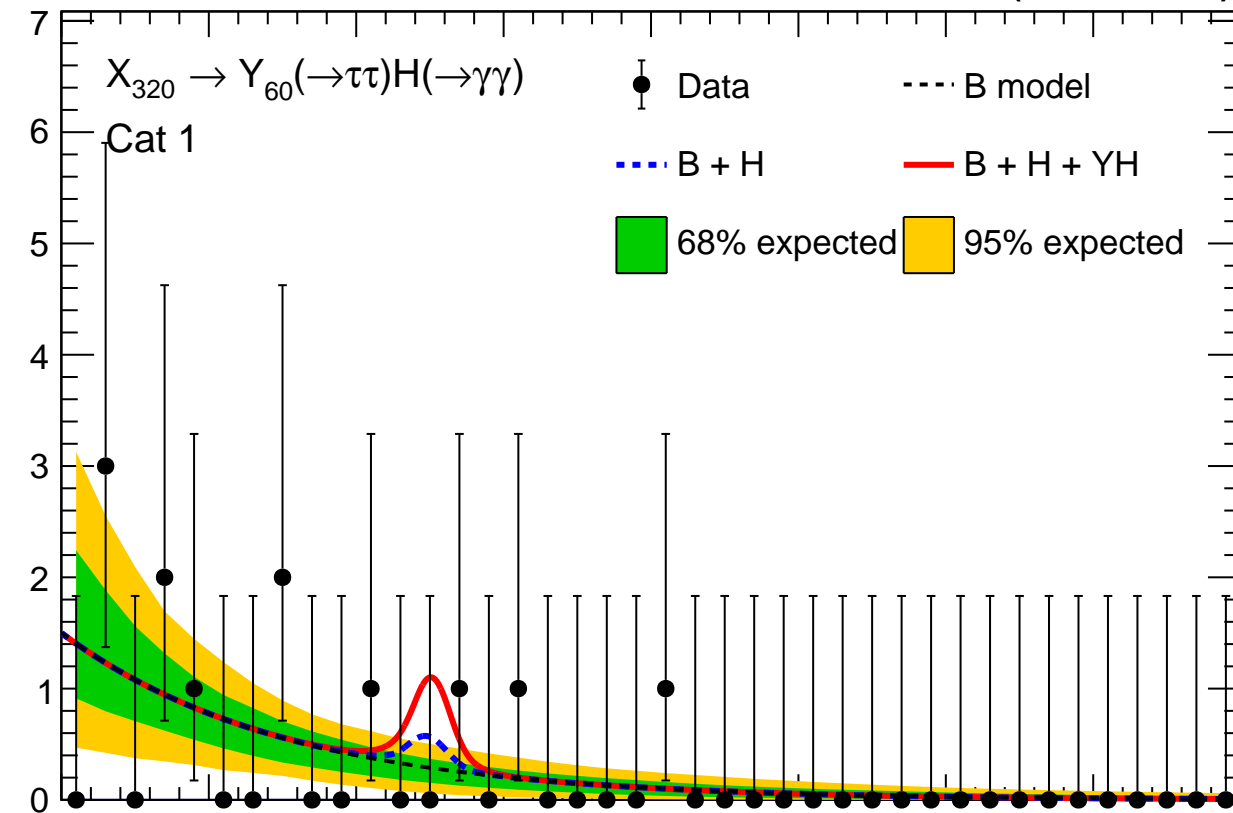
Cat 1

--- B + H

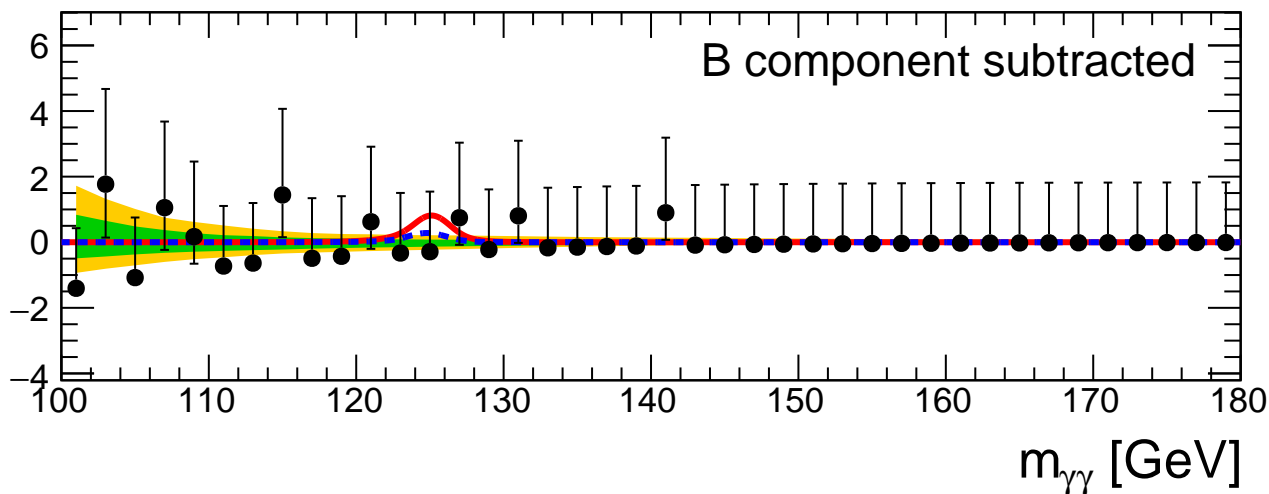
— B + H + YH

■ 68% expected

■ 95% expected



B component subtracted

 $m_{\gamma\gamma}$  [GeV]