

**CMS** $35.9 \text{ fb}^{-1} (13 \text{ TeV})$ 

Events / GeV

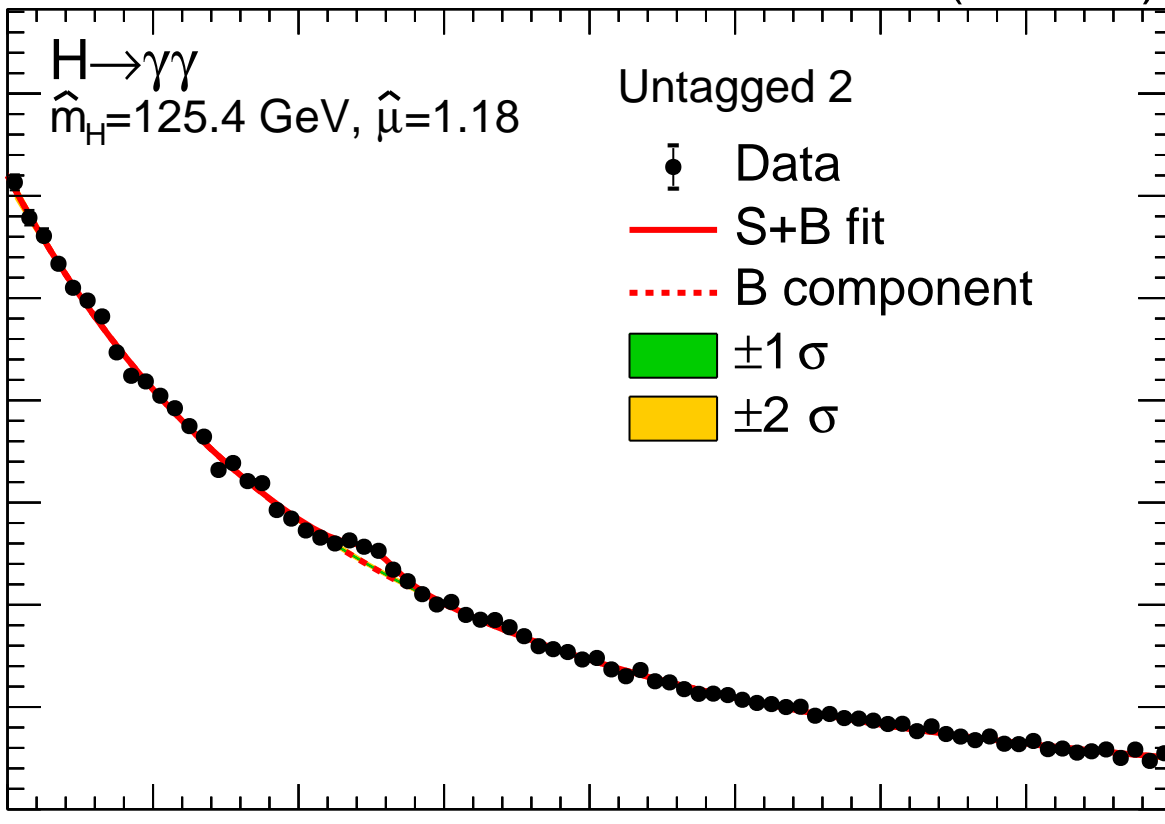
 $H \rightarrow \gamma\gamma$  $\hat{m}_H = 125.4 \text{ GeV}, \hat{\mu} = 1.18$ 

Untagged 2

● Data

— S+B fit

⋯ B component

■  $\pm 1 \sigma$ ■  $\pm 2 \sigma$ 7000  
6000  
5000  
4000  
3000  
2000  
1000  
0

B component subtracted

200  
100  
0  
-100  
-200

100 110 120 130 140 150 160 170 180

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