

CMS**35.9 fb⁻¹ (13 TeV)****Events / GeV****H $\rightarrow\gamma\gamma$** **$\hat{m}_H=125.4$ GeV, $\hat{\mu}=1.24$** **Untagged 1****• Data****— S+B fit****... B component****±1 σ** **±2 σ** 2500
2000
1500
1000
500
0150
100
50
0
-50
-100**B component subtracted** **$m_{\gamma\gamma}$ (GeV)**

100 110 120 130 140 150 160 170 180