

**CMS** *Preliminary*

12.9 fb<sup>-1</sup> (13 TeV)

Events / GeV

$H \rightarrow \gamma\gamma$

$\hat{m}_H = 125.9 \text{ GeV}$ ,  $\hat{\mu} = 0.94$

Untagged 3

• Data

— S+B fit

... B component

±1  $\sigma$

±2  $\sigma$

6000  
5000  
4000  
3000  
2000  
1000  
0

200  
150  
100  
50  
0  
-50  
-100  
-150

B component subtracted

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

