

**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 1

• Data

— S+B fit

... B component

±1  $\sigma$

±2  $\sigma$

600  
500  
400  
300  
200  
100  
0

60  
40  
20  
0  
-20  
-40  
-60

100 110 120 130 140 150 160 170 180

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

B component subtracted

