

CMS*work-in-progress*

(13.6 TeV)

Events

• Data

— signal $\times 100$ $\gamma\gamma$ +jets γ +jets

QCD (Pt40 MGG80)

QCD (Pt30-40 MGG80)

QCD (Pt30 MGG40-80)

 $H\rightarrow\gamma\gamma$

14000

12000

10000

8000

6000

4000

2000

0

Data/MC

2

1.5

1

-3

-2

-1

0

1

2

3

sublead γ ϕ 