

2.3 fb<sup>-1</sup> (13 TeV)**CMS** $Z' \rightarrow \text{DM} + h(2\text{HDM})$  $h \rightarrow b\bar{b} + h \rightarrow \gamma\gamma$  $g_{Z'} = 0.8$ 

—●— observed

- - - expected

—●—  $m_{A0} = 300$  GeV—●—  $m_{A0} = 400$  GeV—●—  $m_{A0} = 500$  GeV—●—  $m_{A0} = 600$  GeV—●—  $m_{A0} = 700$  GeV—●—  $m_{A0} = 800$  GeV $\sigma_{95\% \text{ CL}} / \sigma_{\text{th}}$ 10<sup>2</sup>

10

1

10<sup>-1</sup>