

2.3 fb⁻¹ (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

—●— $m_A = 300$ GeV—●— $m_A = 400$ GeV—●— $m_A = 500$ GeV—●— $m_A = 600$ GeV—●— $m_A = 700$ GeV—●— $m_A = 800$ GeV