

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

● observed

--- expected

□ $m_A = 800$ GeV○ $m_A = 700$ GeV▼ $m_A = 600$ GeV▲ $m_A = 500$ GeV■ $m_A = 400$ GeV● $m_A = 300$ GeV