



137 fb⁻¹ (13 TeV)**CMS** $pp \rightarrow \tilde{g} \tilde{g}, \tilde{g} \rightarrow q \bar{q} \tilde{\chi}_2^0, \tilde{\chi}_2^0 \rightarrow H \tilde{\chi}_1^0$

95% CL Upper Limit

— Observed

- - - Expected

 ±2 $\sigma_{\text{experiment}}$  ±1 $\sigma_{\text{experiment}}$  Theory

Cross section [fb]

 $m(\tilde{g})$ [GeV]