

**CMS****35.9 fb<sup>-1</sup> (13 TeV)****m<sub>χ<sub>1</sub><sup>0</sup></sub> (GeV)**

3000

2500

2000

1500

1000

500

0

pp →  $\tilde{g} \tilde{g}$ ,  $\tilde{g} \rightarrow q \bar{q} \tilde{\chi}_1^0$ ,  $\tilde{\chi}_1^0 \rightarrow \gamma/H \tilde{G}$  NLO+NLL exclusion— Observed  $\pm 1 \sigma_{\text{theory}}$ - - - Expected  $\pm 1 \sigma_{\text{experiment}}$ 

1

m <sub>$\tilde{g}$</sub>  (GeV)

95% CL upper limit on cross section (fb)

