

**CMS Preliminary**

**35.9 fb<sup>-1</sup> (13 TeV)**

**$m_{\tilde{\chi}_1^0}$  (GeV)**

3000

2500

2000

1500

1000

500

0

pp  $\rightarrow \tilde{g} \tilde{g}, \tilde{g} \rightarrow t \bar{t} \tilde{\chi}_1^0, \tilde{\chi}_1^0 \rightarrow \gamma/Z \tilde{G}$  NLO+NLL Exclusion

— Observed  $\pm 1 \sigma_{\text{theory}}$

- - - Expected  $\pm 1 \sigma_{\text{experiment}}$

**$m_{\tilde{g}}$  (GeV)**

1600

1800

2000

2200

2400

1

**95% CL upper limit on cross section (fb)**

