

**CMS****35.9 fb<sup>-1</sup> (13 TeV)** **$m_{\tilde{\chi}_1^0}$  (GeV)**

3000

2500

2000

1500

1000

500

0

 $pp \rightarrow \tilde{g} \tilde{g}, \tilde{g} \rightarrow b \bar{b} \tilde{\chi}_1^0, \tilde{\chi}_1^0 \rightarrow \gamma/Z \tilde{G}$  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)

