

CMS**35.9 fb⁻¹ (13 TeV)** $m_{\tilde{\chi}}$ (GeV)2500
2000 $pp \rightarrow \tilde{g} \tilde{g}, \tilde{g} \rightarrow q \bar{q} \tilde{\chi}_1^{0/\pm}, \tilde{\chi}_1^{0/\pm} \rightarrow \gamma/W^\pm \tilde{G}$ ≡ Observed $\pm 1 \sigma_{\text{theory}}$ - - - Expected $\pm 1 \sigma_{\text{experiment}}$ 1500
1000
500
0

(a)

1200

1400

1600

1800

2000

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

10

1

95% CL upper limit on cross section (fb)

