

$\tilde{g} \tilde{g}$ production, $\tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$, $\tilde{\chi}_1^0 \rightarrow l\bar{l}q$

$m_{\tilde{\chi}_1^0}$ [GeV]

ATLAS Internal

$\sqrt{s}=13$ TeV , 36.1 fb⁻¹

Observed limit ($\pm 1 \sigma_{\text{theory}}^{\text{SUSY}}$)

Expected limit ($\pm 1 \sigma_{\text{exp}}$)

All limits at 95% CL

$m_{\tilde{g}} < m_{\tilde{\chi}_1^0}$

1000 1200 1400 1600 1800 2000 2200
 $m_{\tilde{g}}$ [GeV]

