

$\tilde{g}\tilde{g}$ production, $B(\tilde{g} \rightarrow q\bar{q} \tilde{\chi}_1^\pm \rightarrow q\bar{q} W^\pm \tilde{\chi}_1^0)=100\%$, $m(\tilde{\chi}_1^\pm)=(m(\tilde{g}) + m(\tilde{\chi}_1^0))/2$

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

ATLAS

$\sqrt{s} = 13 \text{ TeV}, 36.1 \text{ fb}^{-1}$

0-leptons, 2-6 jets

MEff or RJR (Best Expected)

All limits at 95% CL

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

Exp. limits ($\pm 1 \sigma_{\text{exp}}^{\text{exp}}$)

Exp. limits MEff

Exp. limits RJR

0L obs. limit (13 TeV, 3.2 fb^{-1})

1L obs. limit (13 TeV, 3.2 fb^{-1})

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

