

$\tilde{g}-\tilde{g}; \tilde{g} \rightarrow q\bar{q} \tilde{\chi}_2^0, \tilde{\chi}_2^0 \rightarrow Z \tilde{\chi}_1^0; m(\tilde{\chi}_1^0)=1 \text{ GeV}$

ATLAS

$\sqrt{s}=13 \text{ TeV}, 14.7 \text{ fb}^{-1} \text{ SRZ}$

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

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

$m(\tilde{g}) < m(\tilde{\chi}_2^0)$

