

$\tilde{g} \tilde{g}$ production, $\tilde{g} \rightarrow \tilde{t} \bar{t}, \tilde{t} \rightarrow \bar{b} \bar{d}$

ATLAS Internal

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

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

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

Stop 2×2 obs. limit
[SUSY-2016-09]

All limits at 95% CL

$m_{\tilde{g}} < m_{\tilde{t}} + m_t$

Numbers give 95% CL excluded model cross sections [fb]

