\[ \tilde{t}_1 \tilde{t}_1 \text{ production, } \tilde{t}_1 \rightarrow t + \tilde{\chi}_1^0 \]

**ATLAS**

SR A

\[ \int L \, dt = 4.7 \, \text{fb}^{-1}, \sqrt{s} = 7 \, \text{TeV} \]

All limits at 95% CL

\[ m_\tilde{\chi}_1^0 - m_\tilde{\chi}_1 < m_t \]

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

Observed Limit \((\pm 1 \, \sigma_{\text{SUSY Theory}})\)