$\tilde{t}_1 \rightarrow b + \tilde{\chi}_{1}^{\pm}$, $m_{\tilde{\chi}_{1}^{\pm}} = 106$ GeV

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

Leptons + b-jets combined

ATLAS

All limits at 95% CL

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

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

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

CDF Run II

ATLAS light stop dilepton

ATLAS