\( \tilde{t}_1 \tilde{t}_1 \) production, \( \tilde{t}_1 \rightarrow \tilde{\chi}^0_1 t \)

- Observed limit (\( \pm 1 \sigma_{\text{theory}}^{\text{SUSY}} \))
- Expected limit (\( \pm 1 \sigma_{\exp} \))

All limits at 95% CL

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

2 leptons

\( \tilde{\chi} \sim \chi \)

\( m_\chi^2 \) vs. \( m_{\tilde{t}} \) plot with observed and expected limits at 95% CL.