

$\tilde{b}_1\tilde{b}_1$ production, $\text{BR}(\tilde{b}_1 \rightarrow t\tilde{\chi}_1^\pm)=1$

ATLAS

$\int \mathcal{L} \, dt = 20.3 \, \text{fb}^{-1}$, $\sqrt{s}=8 \, \text{TeV}$

SS3L analysis

— Observed

- - - Expected

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- - - Expected

$m_{\tilde{\chi}_1^0} = 60 \, \text{GeV}$

$m_{\tilde{\chi}_1^\pm} = 2 \, m_{\tilde{\chi}_1^0}$

All limits at 95% CL

$m_{\tilde{b}_1} < m_t + m_{\tilde{\chi}_1^\pm}$

