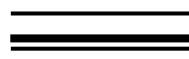


CMS137 fb⁻¹ (13 TeV) $m_{\tilde{\chi}_1^\pm}$ (GeV) $pp \rightarrow \tilde{b}_1 \tilde{b}_1^-, \tilde{b}_1 \rightarrow tW\tilde{\chi}_1^0$ NNLO+NNLL
exclusionObserved ± 1 s.d._{theory}Expected ± 1 and 2 s.d._{experiment} $m_{\tilde{\chi}_1^0} = 50$ GeV

1000

800

600

400

200

 $m_{\tilde{b}_1} - m_{\tilde{\chi}_1^\pm} = m_W + m_b$

400

600

800

1000

1200

 $m_{\tilde{b}_1}$ (GeV)

1

10⁻¹10⁻²10⁻³

95% CL upper limit on cross section (pb)

