

CMS

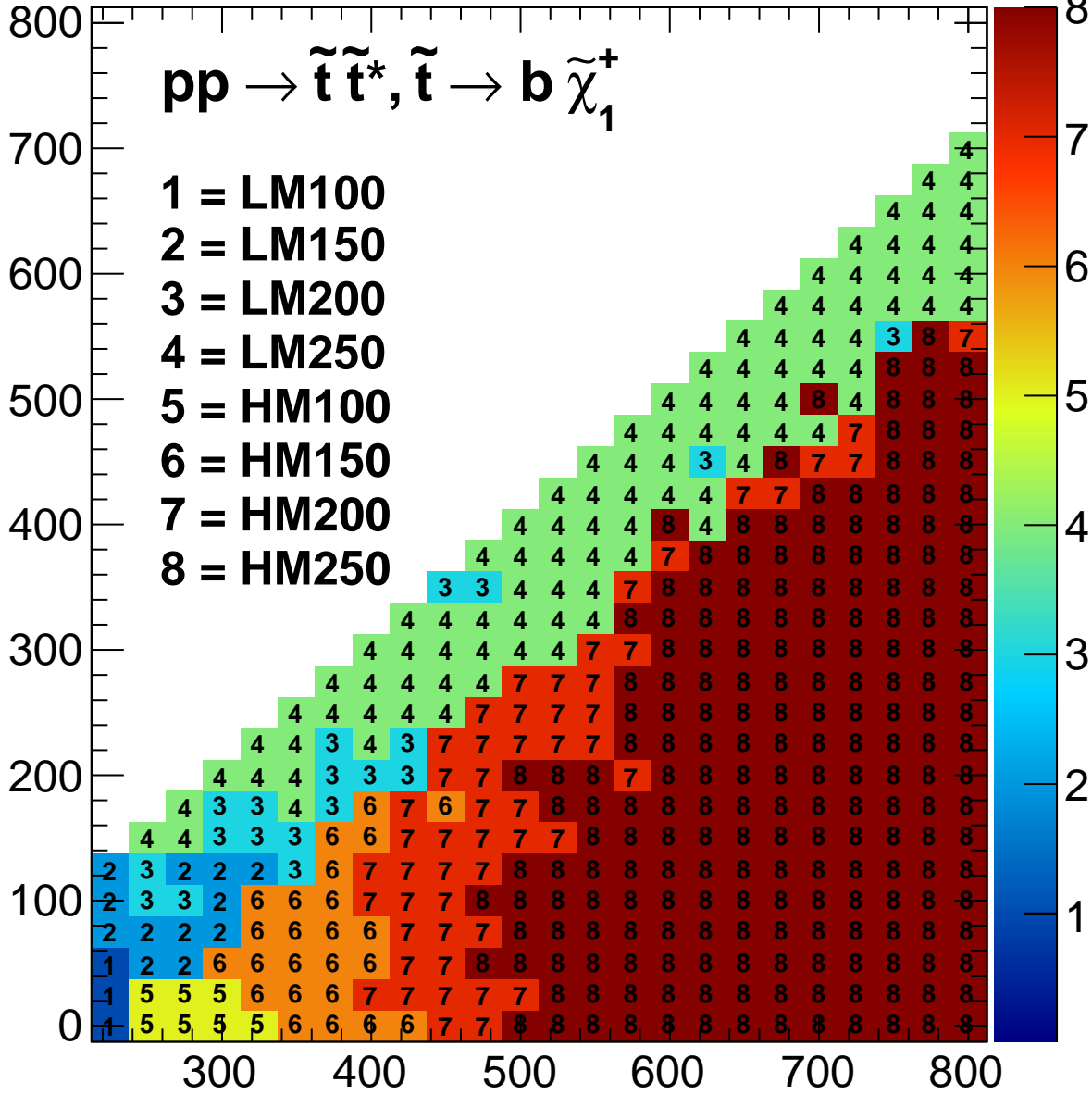
$\sqrt{s} = 8 \text{ TeV}, \int L dt = 19.5 \text{ fb}^{-1}$

$m_{\tilde{\chi}_1^0}$ [GeV]

best signal region

$pp \rightarrow \tilde{t} \tilde{t}^*, \tilde{t} \rightarrow b \tilde{\chi}_1^+$

- 1 = LM100
- 2 = LM150
- 3 = LM200
- 4 = LM250
- 5 = HM100
- 6 = HM150
- 7 = HM200
- 8 = HM250



$m_{\chi_1^\pm} = 0.5 m_{\tilde{t}} + 0.5 m_{\chi_1^0}$ $m_{\tilde{t}}$ [GeV]