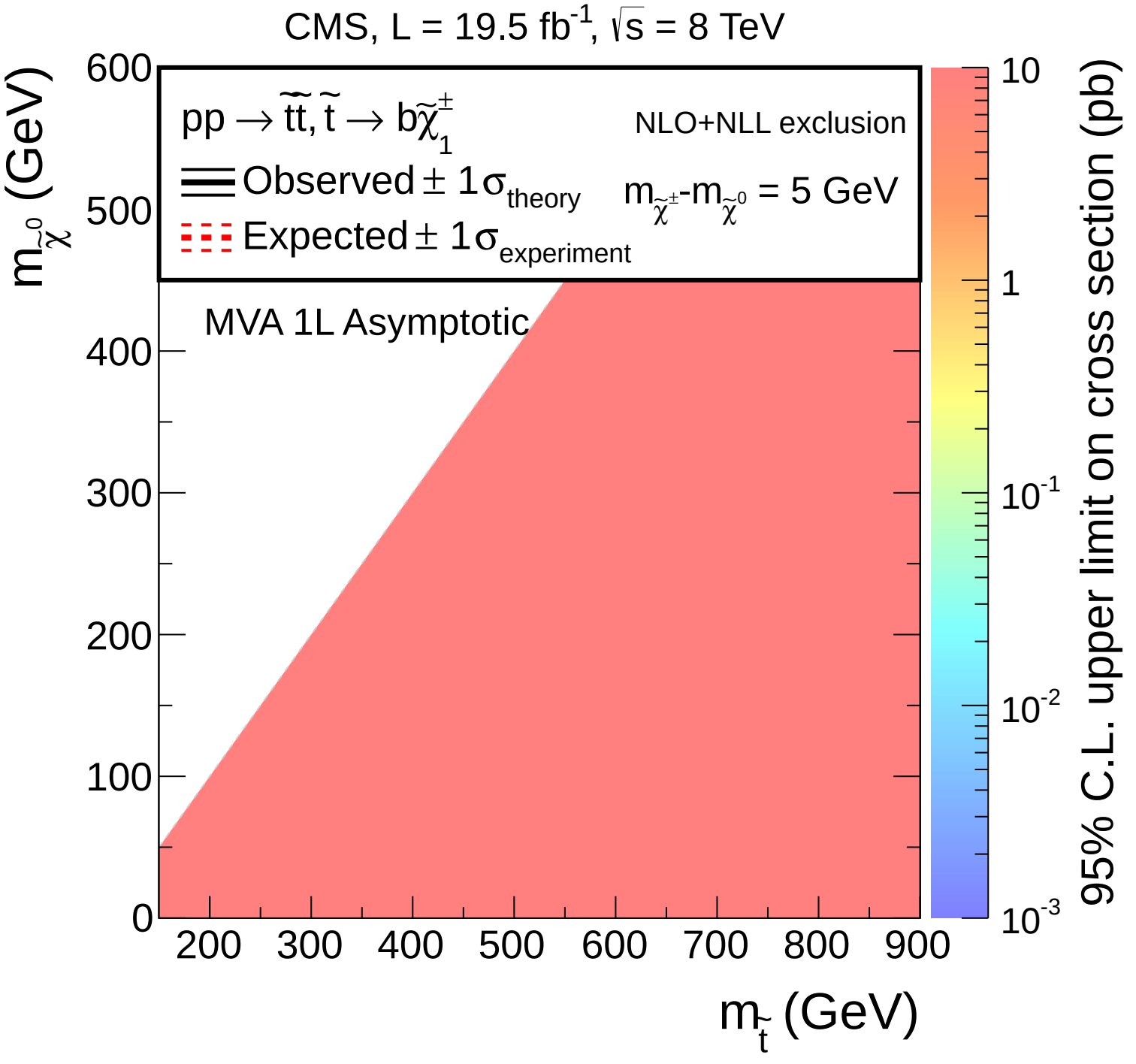
CMS, L = 19.5 fb^{-1}, $\sqrt{s}$ = 8 TeV
$pp \to \tilde{t}\tilde{t}, \tilde{t} \to b\tilde{\chi}_1^{\pm}$
NLO+NLL exclusion
Observed $\pm 1\sigma_{theory}$
$m_{\tilde{\chi}^{\pm}}$-$m_{\tilde{\chi}^0}$ = 5 GeV
Expected $\pm 1\sigma_{experiment}$
MVA 1L Asymptotic
$m_{\tilde{\chi}^0}$ (GeV)
$m_{\tilde{t}}$ (GeV)
95% C.L. upper limit on cross section (pb)
0
100
200
300
400
500
600
200
300
400
500
600
700
800
900
10
1
10^{-1}
10^{-2}
10^{-3}