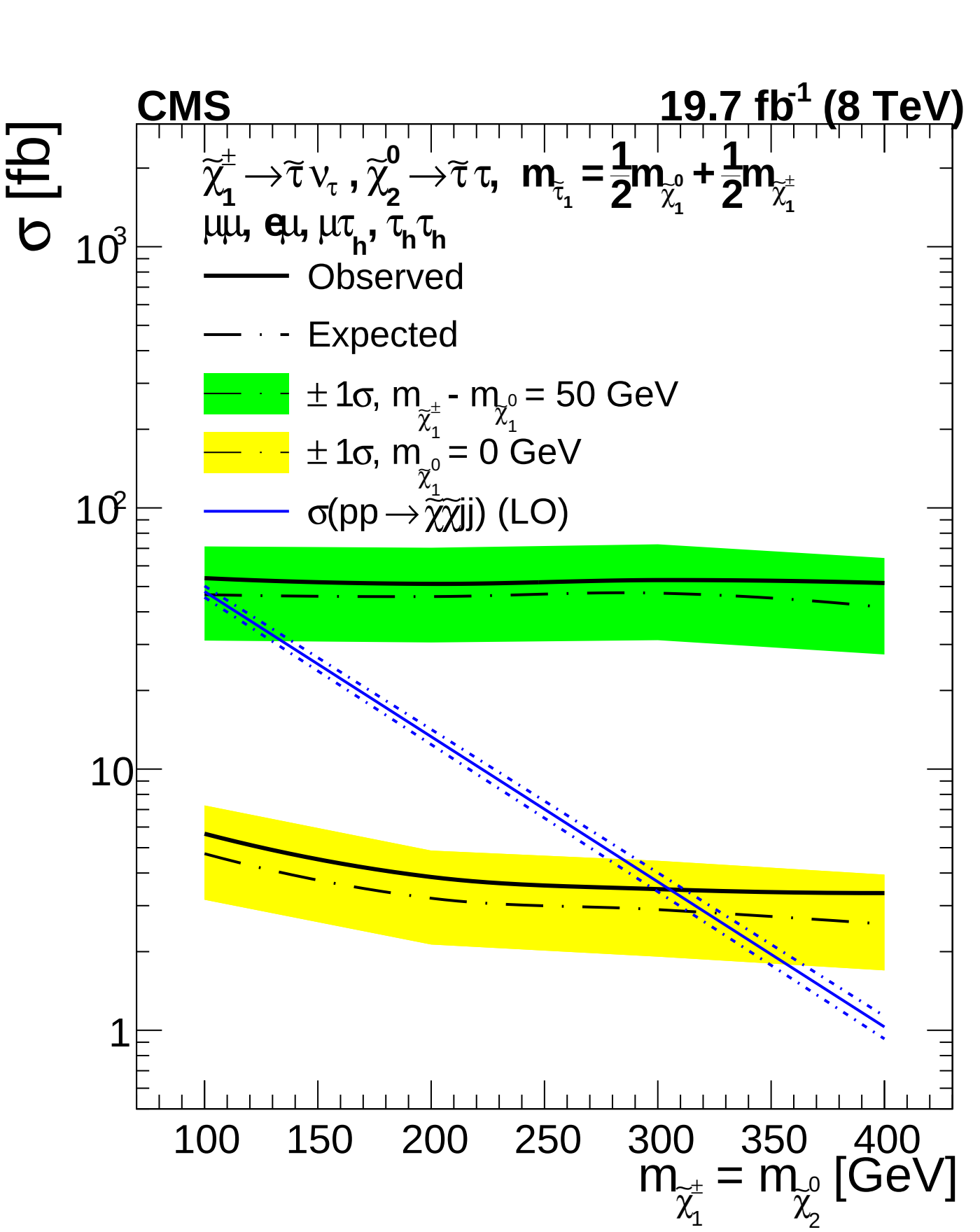
CMS
19.7 fb-1 (8 TeV)
σ [fb]
$\tilde{\chi}_1^{\pm} \to \tilde{\tau}\nu_\tau$, $\tilde{\chi}_2^0 \to \tilde{\tau}\tau$, $m_{\tilde{\tau}_1} = \frac{1}{2}m_{\tilde{\chi}_1^0} + \frac{1}{2}m_{\tilde{\chi}_1^{\pm}}$
μμ, eμ, μτh, τhτh
Observed
Expected
± 1σ, $m_{\tilde{\chi}_1^{\pm}} - m_{\tilde{\chi}_1^0}$ = 50 GeV
± 1σ, $m_{\tilde{\chi}_1^0}$ = 0 GeV
σ(pp → $\tilde{\chi}\tilde{\chi}$jj) (LO)
10^3
10^2
10
1
100
150
200
250
300
350
400
$m_{\tilde{\chi}_1^{\pm}} = m_{\tilde{\chi}_2^0}$ [GeV]