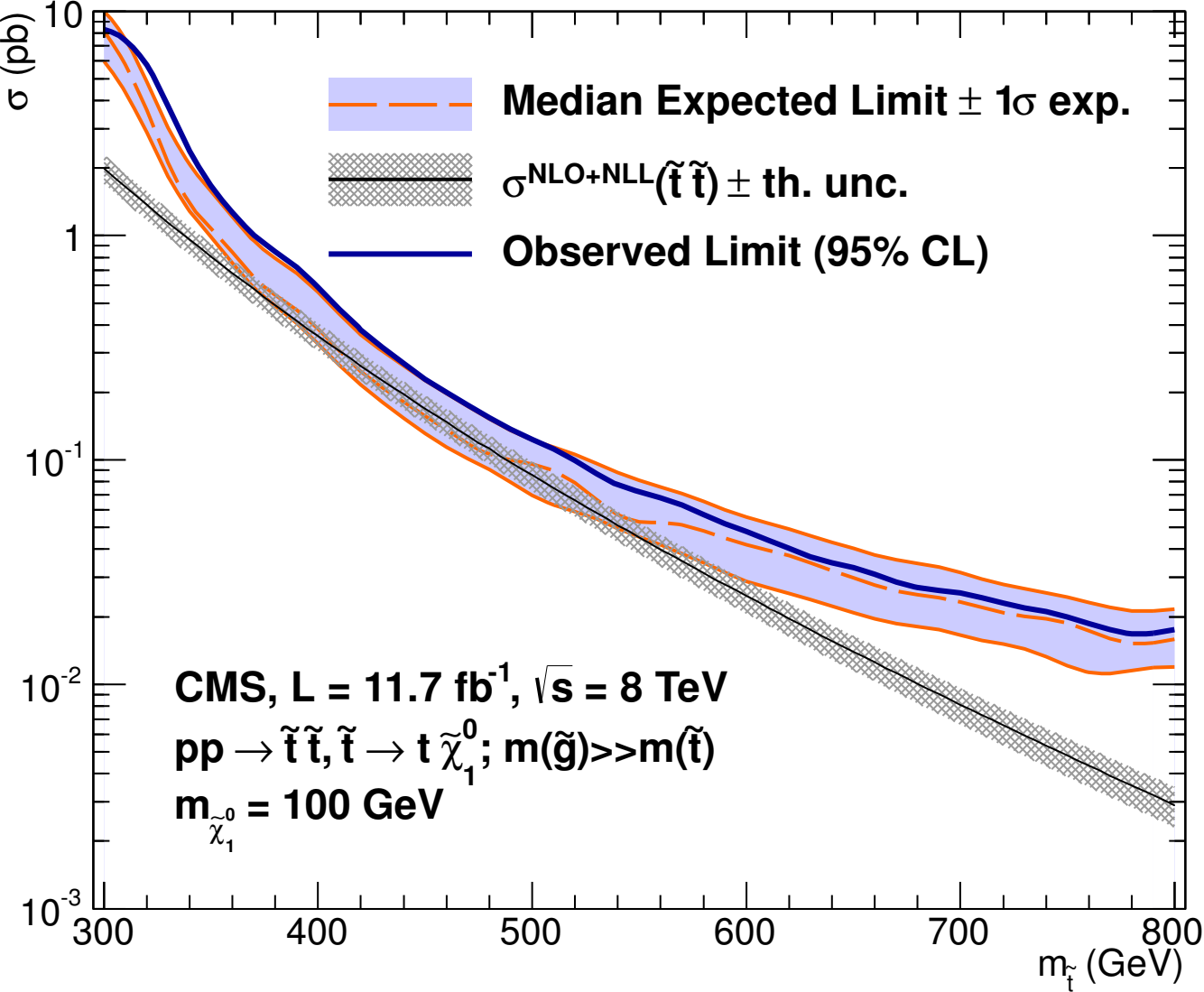
σ (pb)
10
1
10^{-1}
10^{-2}
10^{-3}
300
400
500
600
700
800
$m_{\tilde{t}}$ (GeV)
Median Expected Limit ± 1σ exp.
$\sigma^{NLO+NLL}(\tilde{t}\tilde{t})$ ± th. unc.
Observed Limit (95% CL)
CMS, L = 11.7 fb^{-1}, $\sqrt{s}$ = 8 TeV
$pp \to \tilde{t}\tilde{t}, \tilde{t} \to t\,\tilde{\chi}_1^0$; $m(\tilde{g}) >> m(\tilde{t})$
$m_{\tilde{\chi}_1^0}$ = 100 GeV