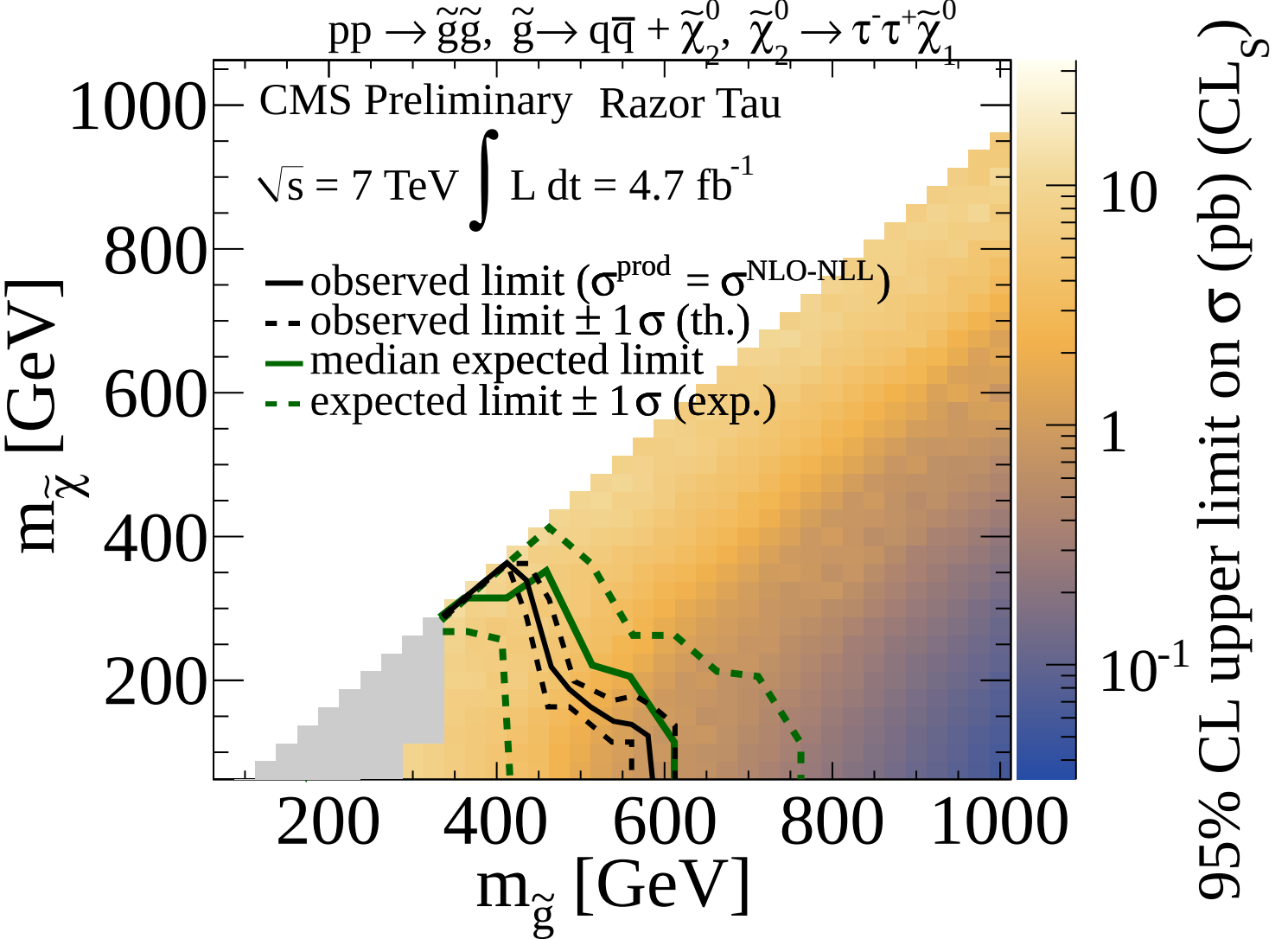
$pp \to \tilde{g}\tilde{g},\ \tilde{g} \to q\bar{q} + \tilde{\chi}_2^0,\ \tilde{\chi}_2^0 \to \tau^-\tau^+\tilde{\chi}_1^0$
CMS Preliminary
Razor Tau
$\sqrt{s}$ = 7 TeV
$\int L\,dt = 4.7\ fb^{-1}$
observed limit ($\sigma^{prod} = \sigma^{NLO\text{-}NLL}$)
observed limit ± 1σ (th.)
median expected limit
expected limit ± 1σ (exp.)
$m_{\tilde{\chi}}$ [GeV]
$m_{\tilde{g}}$ [GeV]
95% CL upper limit on σ (pb) (CL_S)
200
400
600
800
1000
10
1
10^{-1}