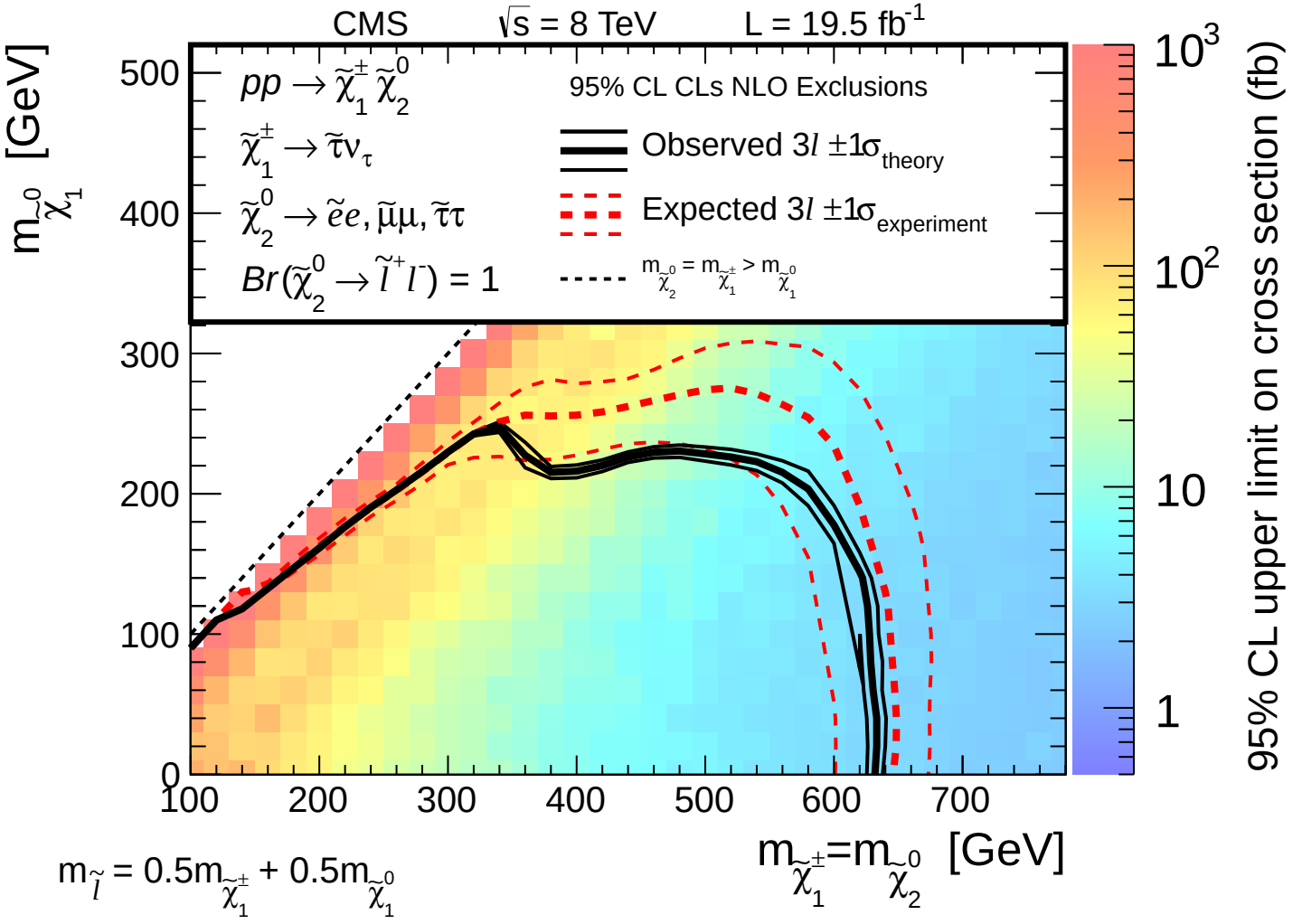
CMS
√s = 8 TeV
L = 19.5 fb-1
pp → χ̃±1 χ̃02
χ̃±1 → τ̃ντ
χ̃02 → ẽe, μ̃μ, τ̃τ
Br(χ̃02 → l̃+l-) = 1
95% CL CLs NLO Exclusions
Observed 3l ±1σtheory
Expected 3l ±1σexperiment
mχ̃02 = mχ̃±1 > mχ̃01
mχ̃01 [GeV]
mχ̃±1=mχ̃02 [GeV]
95% CL upper limit on cross section (fb)
ml̃ = 0.5mχ̃±1 + 0.5mχ̃01