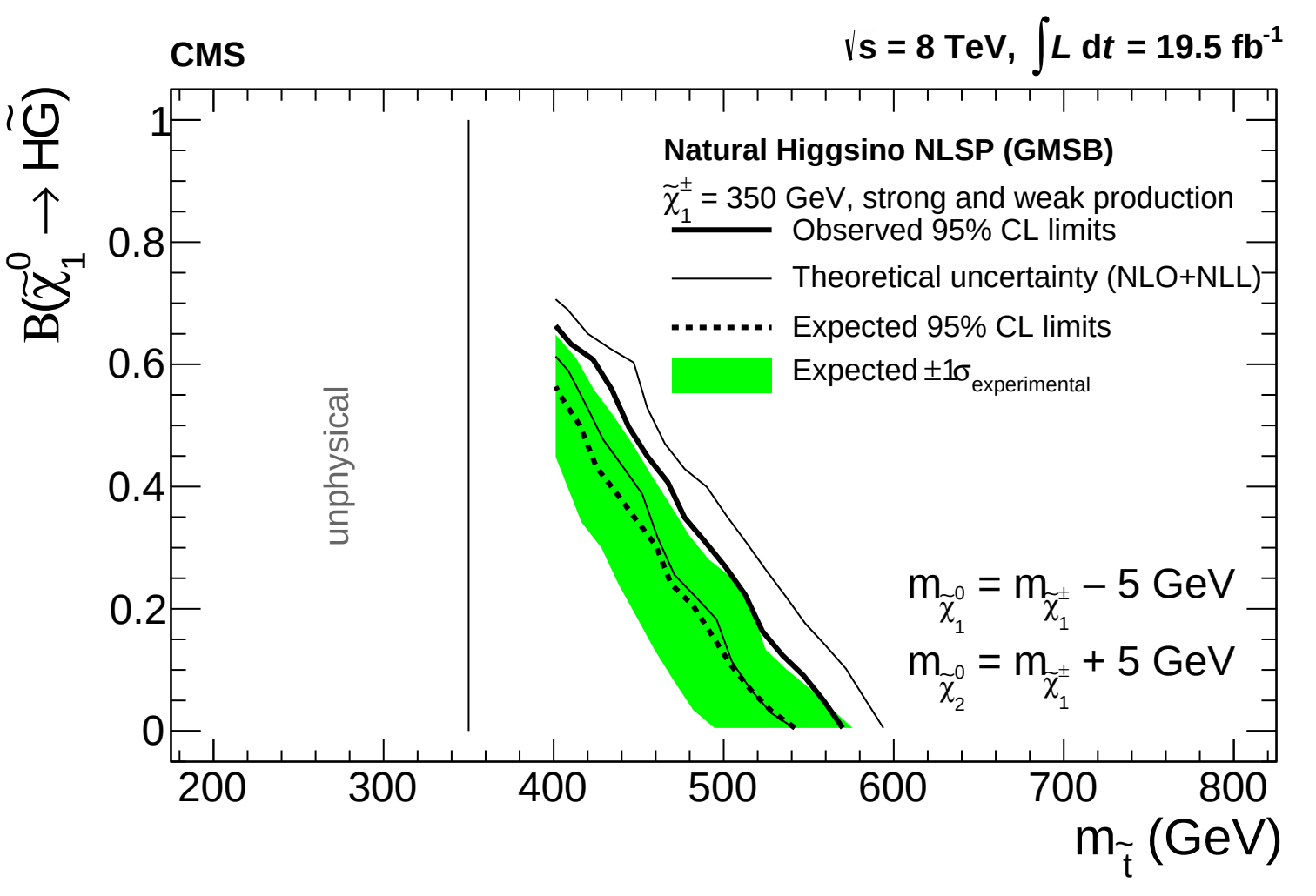
CMS
√s = 8 TeV, ∫L dt = 19.5 fb-1
Natural Higgsino NLSP (GMSB)
χ̃±1 = 350 GeV, strong and weak production
Observed 95% CL limits
Theoretical uncertainty (NLO+NLL)
Expected 95% CL limits
Expected ±1σexperimental
unphysical
mχ̃01 = mχ̃±1 – 5 GeV
mχ̃02 = mχ̃±1 + 5 GeV
B(χ̃01 → HG̃)
mt̃ (GeV)
0
0.2
0.4
0.6
0.8
1
200
300
400
500
600
700
800