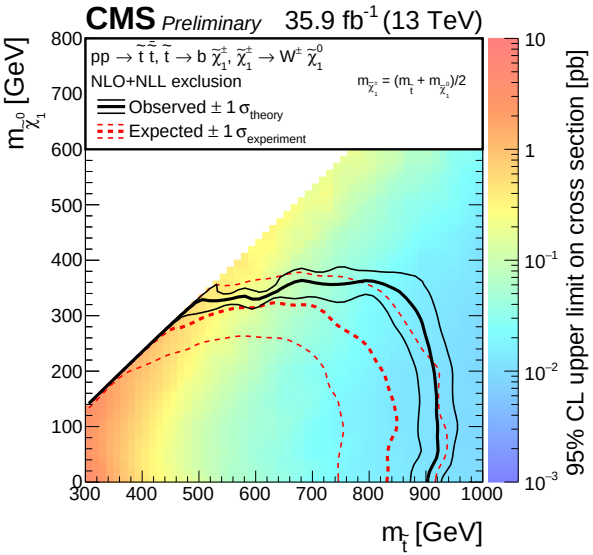
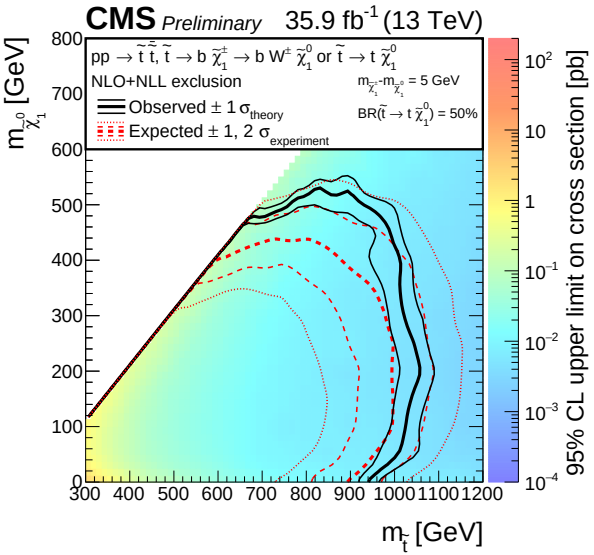
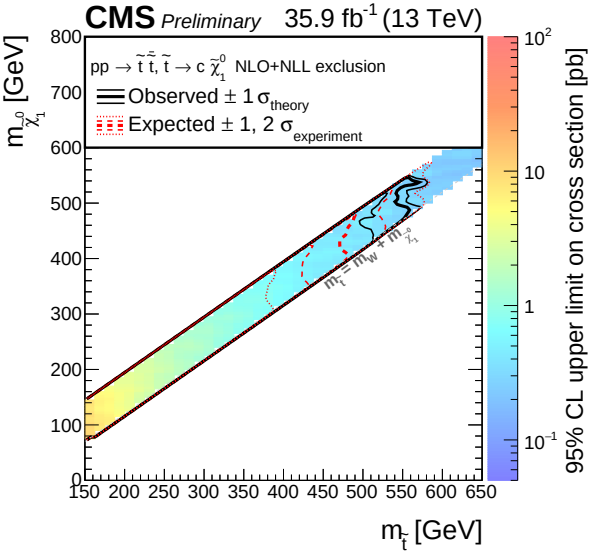

CMS Preliminary 35.9 fb-1 (13 TeV)
pp → t̃ t̃̄, t̃ → b χ̃1±, χ̃1± → W± χ̃10
NLO+NLL exclusion
m χ̃1± = (m t̃ + m χ̃10)/2
Observed ± 1 σtheory
Expected ± 1 σexperiment
m χ̃10 [GeV]
m t̃ [GeV]
95% CL upper limit on cross section [pb]


CMS Preliminary 35.9 fb-1 (13 TeV)
pp → t̃ t̃̄, t̃ → b χ̃1± → b W± χ̃10 or t̃ → t χ̃10
NLO+NLL exclusion
m χ̃1±-m χ̃10 = 5 GeV
BR(t̃ → t χ̃10) = 50%
Observed ± 1 σtheory
Expected ± 1, 2 σexperiment
m χ̃10 [GeV]
m t̃ [GeV]
95% CL upper limit on cross section [pb]


CMS Preliminary 35.9 fb-1 (13 TeV)
pp → t̃ t̃̄, t̃ → c χ̃10 NLO+NLL exclusion
Observed ± 1 σtheory
Expected ± 1, 2 σexperiment
m t̃ = mW + m χ̃10
m χ̃10 [GeV]
m t̃ [GeV]
95% CL upper limit on cross section [pb]