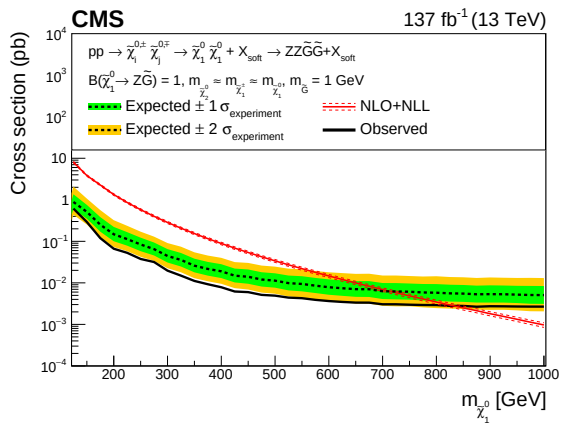
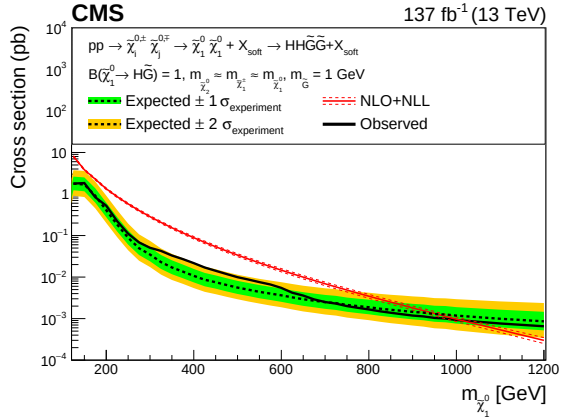
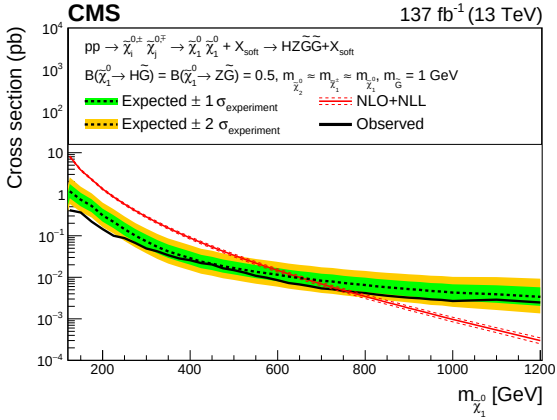

CMS
137 fb-1 (13 TeV)
pp → χ̃0,±i χ̃0,∓j → χ̃01 χ̃01 + Xsoft → ZZG̃G̃+Xsoft
B(χ̃01 → ZG̃) = 1, mχ̃02 ≈ mχ̃±1 ≈ mχ̃01, mG̃ = 1 GeV
Expected ± 1 σexperiment
Expected ± 2 σexperiment
NLO+NLL
Observed
Cross section (pb)
mχ̃01 [GeV]


CMS
137 fb-1 (13 TeV)
pp → χ̃0,±i χ̃0,∓j → χ̃01 χ̃01 + Xsoft → HHG̃G̃+Xsoft
B(χ̃01 → HG̃) = 1, mχ̃02 ≈ mχ̃±1 ≈ mχ̃01, mG̃ = 1 GeV
Expected ± 1 σexperiment
Expected ± 2 σexperiment
NLO+NLL
Observed
Cross section (pb)
mχ̃01 [GeV]


CMS
137 fb-1 (13 TeV)
pp → χ̃0,±i χ̃0,∓j → χ̃01 χ̃01 + Xsoft → HZG̃G̃+Xsoft
B(χ̃01 → HG̃) = B(χ̃01 → ZG̃) = 0.5, mχ̃02 ≈ mχ̃±1 ≈ mχ̃01, mG̃ = 1 GeV
Expected ± 1 σexperiment
Expected ± 2 σexperiment
NLO+NLL
Observed
Cross section (pb)
mχ̃01 [GeV]