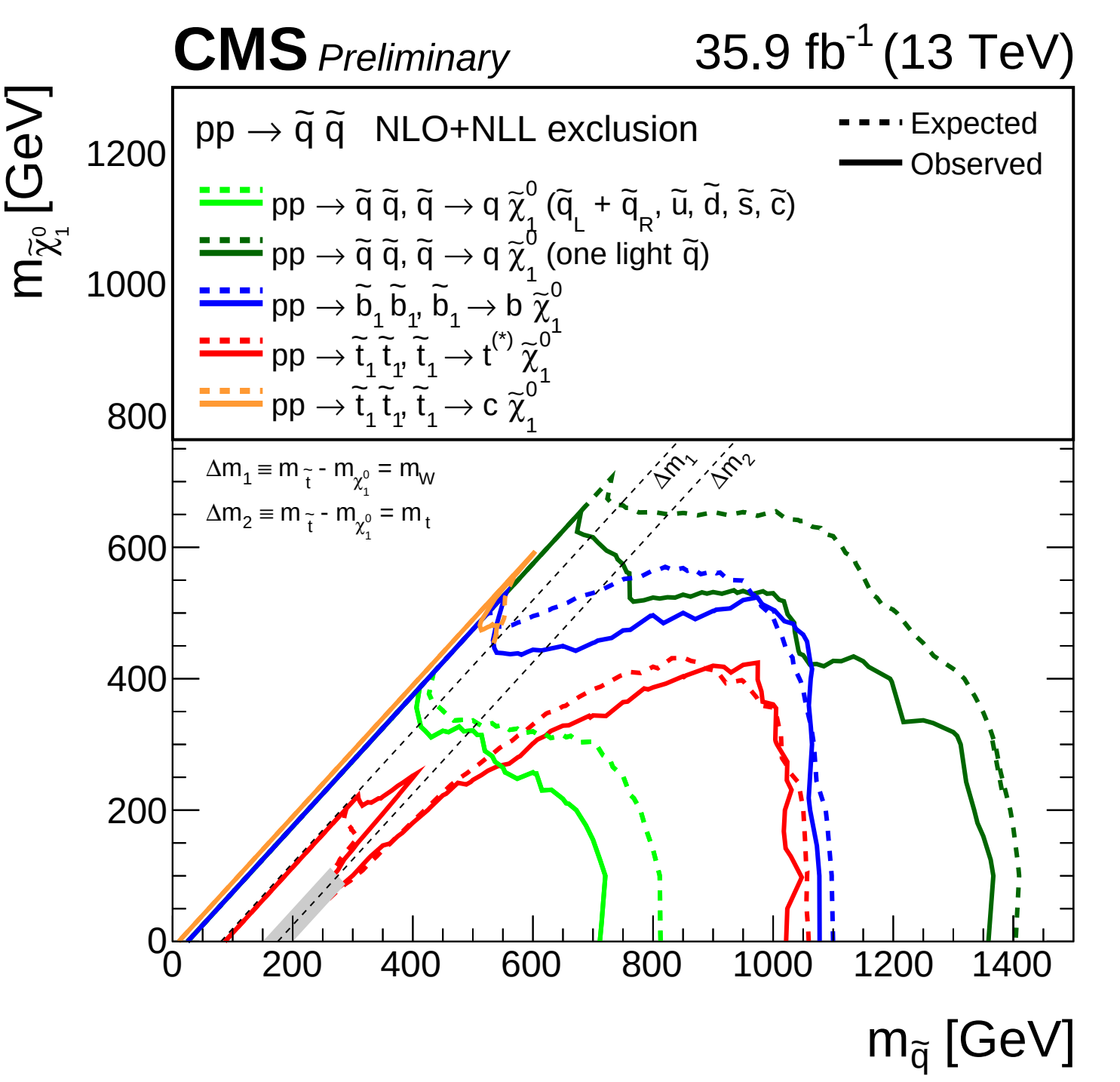
CMS Preliminary
35.9 fb-1 (13 TeV)
pp → q̃ q̃ NLO+NLL exclusion
Expected
Observed
pp → q̃ q̃, q̃ → q χ̃10 (q̃L + q̃R, ũ, d̃, s̃, c̃)
pp → q̃ q̃, q̃ → q χ̃10 (one light q̃)
pp → b̃1 b̃1, b̃1 → b χ̃10
pp → t̃1 t̃1, t̃1 → t(*) χ̃10
pp → t̃1 t̃1, t̃1 → c χ̃10
Δm1 ≡ mt̃ - mχ̃10 = mW
Δm2 ≡ mt̃ - mχ̃10 = mt
Δm1
Δm2
mχ̃10 [GeV]
mq̃ [GeV]
0
200
400
600
800
1000
1200
1400