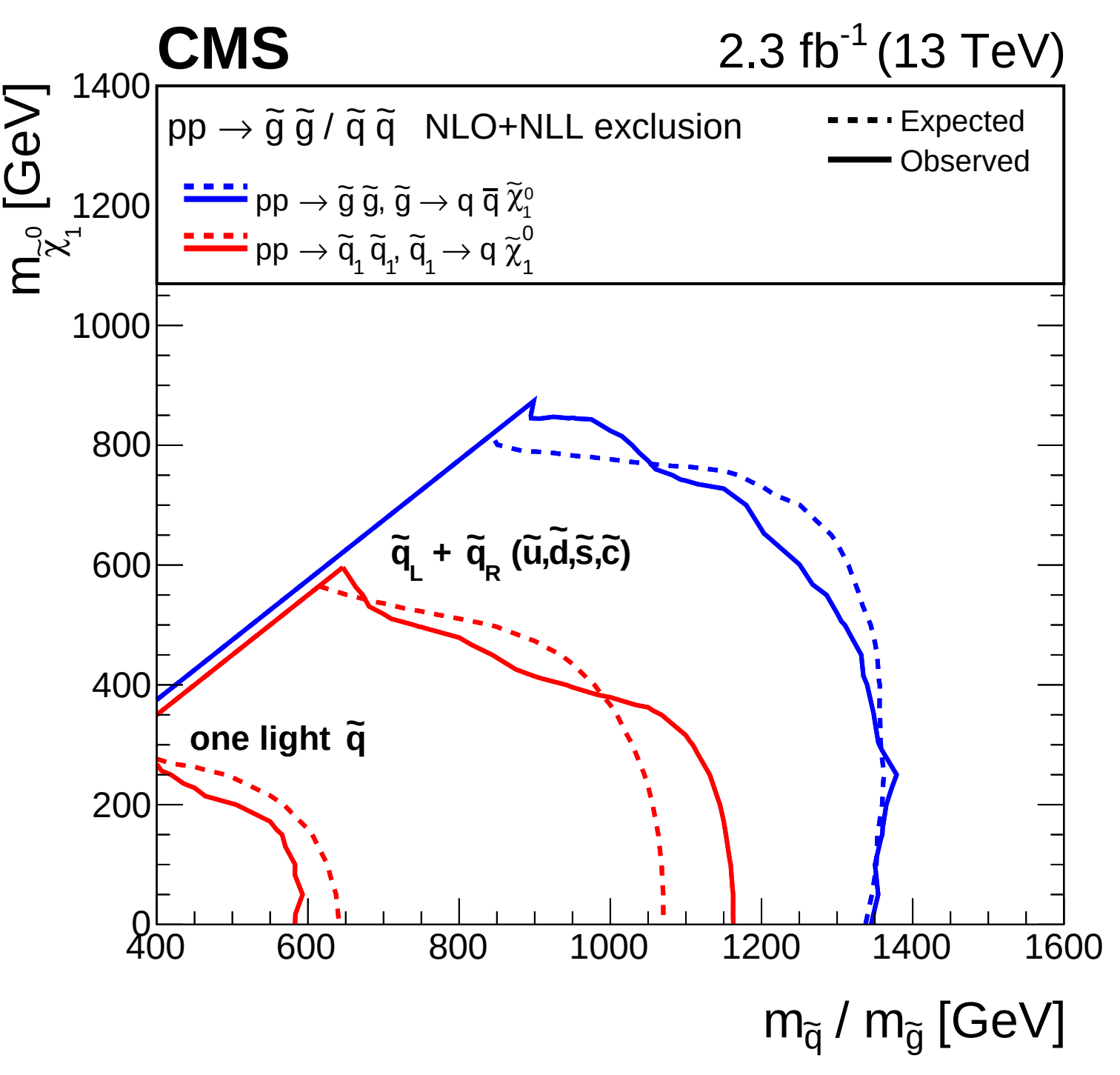
CMS
2.3 fb^{-1} (13 TeV)
pp → g̃ g̃ / q̃ q̃ NLO+NLL exclusion
Expected
Observed
pp → g̃ g̃, g̃ → q q̄ χ̃$^0_1$
pp → q̃$_1$ q̃$_1$, q̃$_1$ → q χ̃$^0_1$
q̃$_L$ + q̃$_R$ (ũ,d̃,s̃,c̃)
one light q̃
m$_{\tilde{\chi}^0_1}$ [GeV]
m$_{\tilde{q}}$ / m$_{\tilde{g}}$ [GeV]
0
200
400
600
800
1000
1200
1400
400
600
800
1000
1200
1400
1600