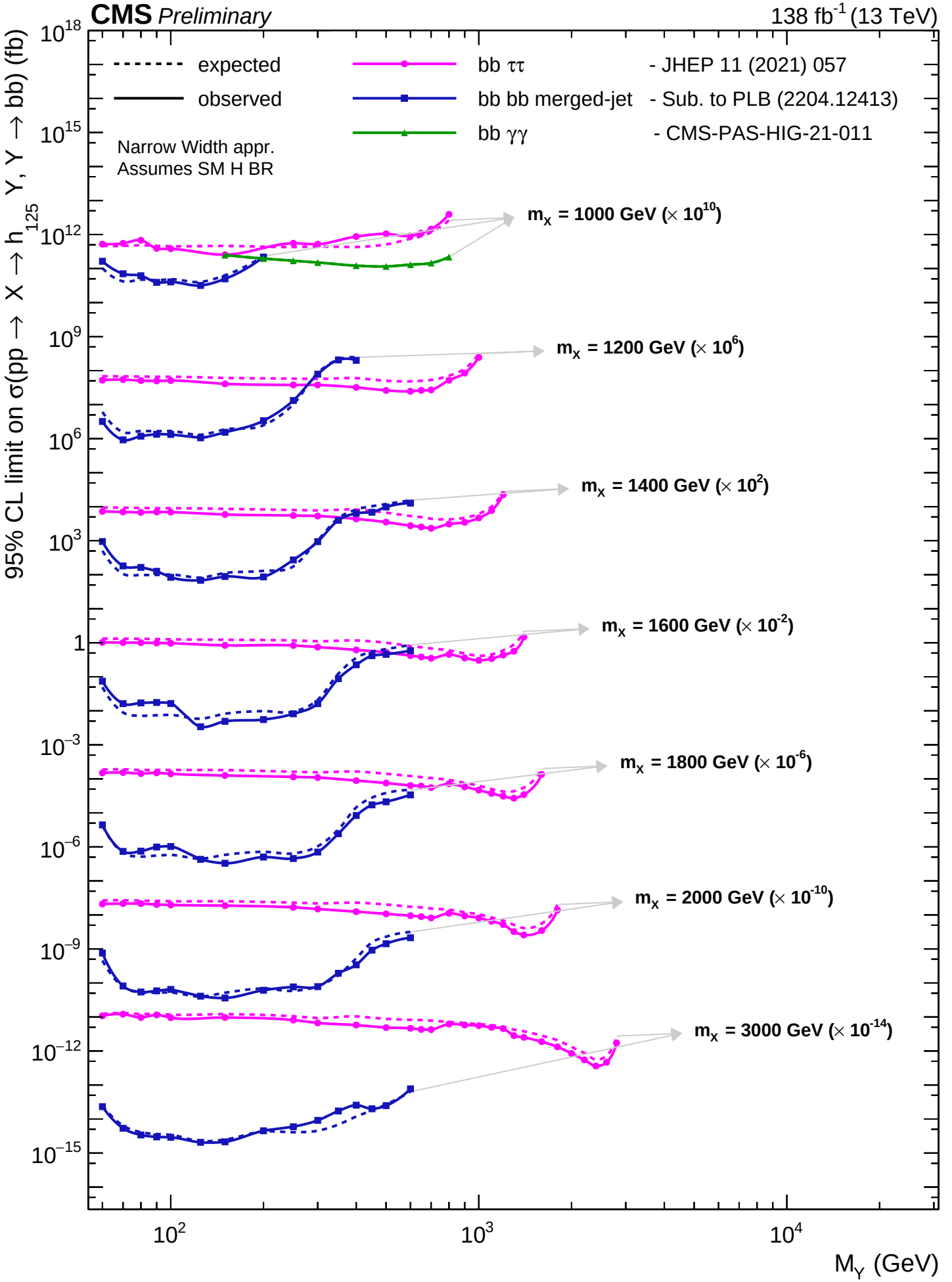
CMS Preliminary
138 fb^{-1} (13 TeV)
expected
observed
bb ττ - JHEP 11 (2021) 057
bb bb merged-jet - Sub. to PLB (2204.12413)
bb γγ - CMS-PAS-HIG-21-011
Narrow Width appr.
Assumes SM H BR
m_X = 1000 GeV (× 10^{10})
m_X = 1200 GeV (× 10^{6})
m_X = 1400 GeV (× 10^{2})
m_X = 1600 GeV (× 10^{-2})
m_X = 1800 GeV (× 10^{-6})
m_X = 2000 GeV (× 10^{-10})
m_X = 3000 GeV (× 10^{-14})
95% CL limit on σ(pp → X → h_{125} Y, Y → bb) (fb)
M_Y (GeV)