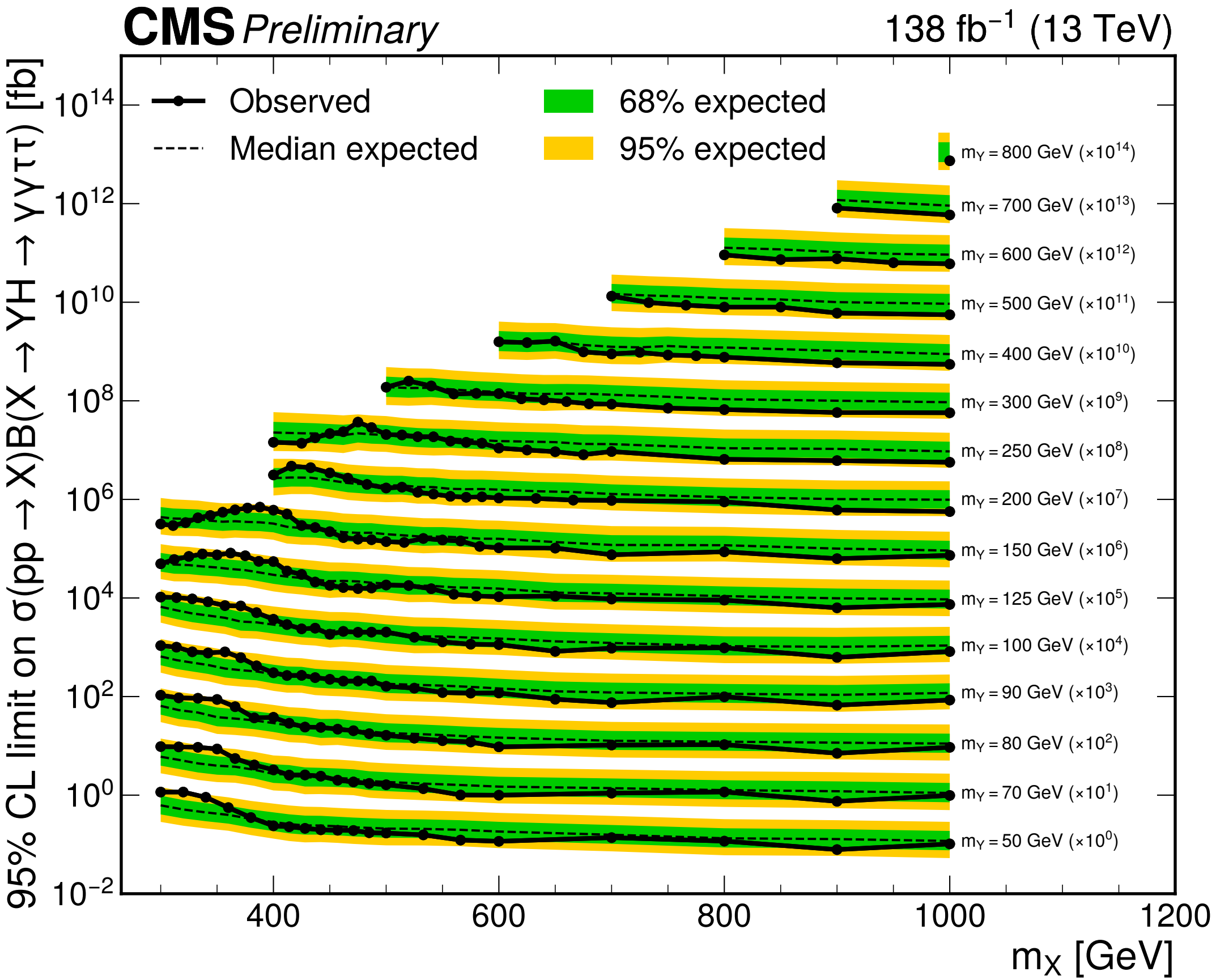
CMS Preliminary
138 fb^{-1} (13 TeV)
Observed
Median expected
68% expected
95% expected
m_Y = 800 GeV (×10^{14})
m_Y = 700 GeV (×10^{13})
m_Y = 600 GeV (×10^{12})
m_Y = 500 GeV (×10^{11})
m_Y = 400 GeV (×10^{10})
m_Y = 300 GeV (×10^{9})
m_Y = 250 GeV (×10^{8})
m_Y = 200 GeV (×10^{7})
m_Y = 150 GeV (×10^{6})
m_Y = 125 GeV (×10^{5})
m_Y = 100 GeV (×10^{4})
m_Y = 90 GeV (×10^{3})
m_Y = 80 GeV (×10^{2})
m_Y = 70 GeV (×10^{1})
m_Y = 50 GeV (×10^{0})
95% CL limit on σ(pp → X)B(X → YH → YYττ) [fb]
10^{14}
10^{12}
10^{10}
10^{8}
10^{6}
10^{4}
10^{2}
10^{0}
10^{-2}
400
600
800
1000
1200
m_X [GeV]