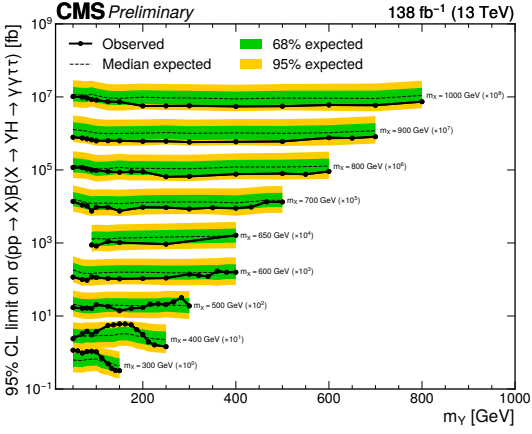
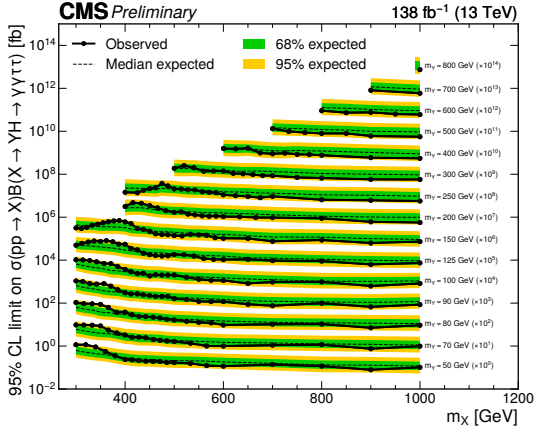
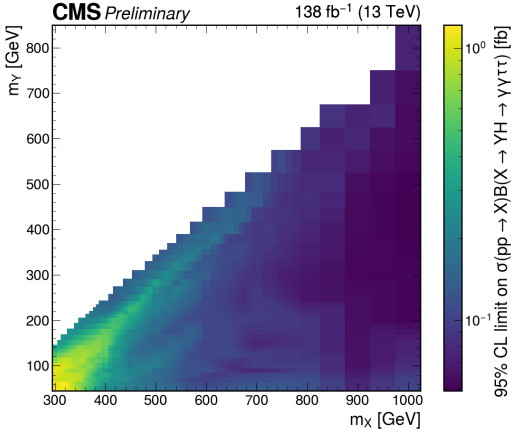

CMS Preliminary
138 fb^{-1} (13 TeV)
Observed
Median expected
68% expected
95% expected
m_X = 1000 GeV (×10^{6})
m_X = 900 GeV (×10^{7})
m_X = 800 GeV (×10^{6})
m_X = 700 GeV (×10^{5})
m_X = 650 GeV (×10^{4})
m_X = 600 GeV (×10^{5})
m_X = 500 GeV (×10^{5})
m_X = 400 GeV (×10^{1})
m_X = 300 GeV (×10^{5})
95% CL limit on σ(pp → X)B(X → YH → γγττ) [fb]
m_Y [GeV]


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 → γγττ) [fb]
m_X [GeV]


CMS Preliminary
138 fb^{-1} (13 TeV)
m_Y [GeV]
m_X [GeV]
95% CL limit on σ(pp → X)B(X → YH → γγττ) [fb]