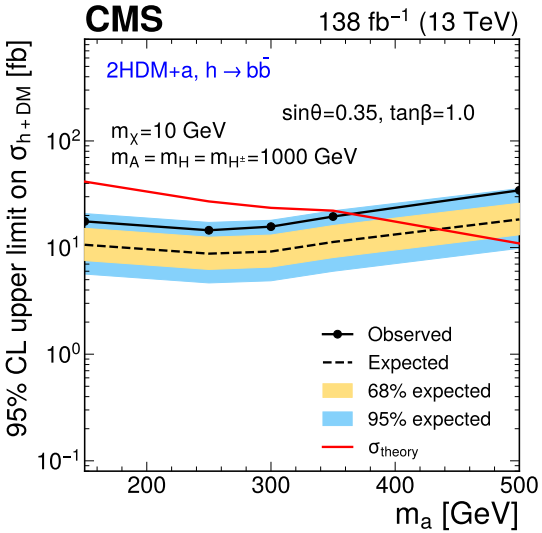
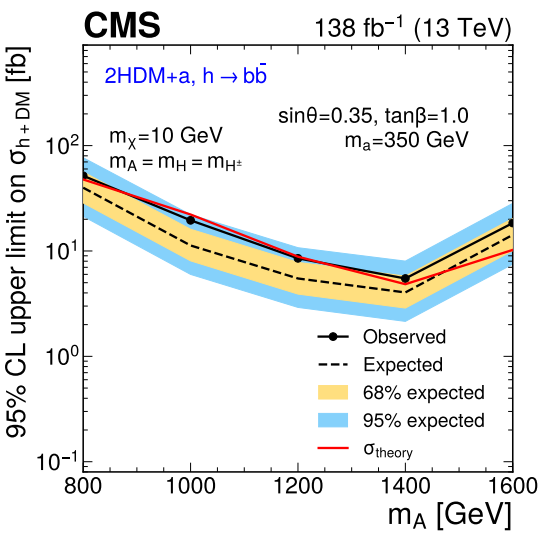
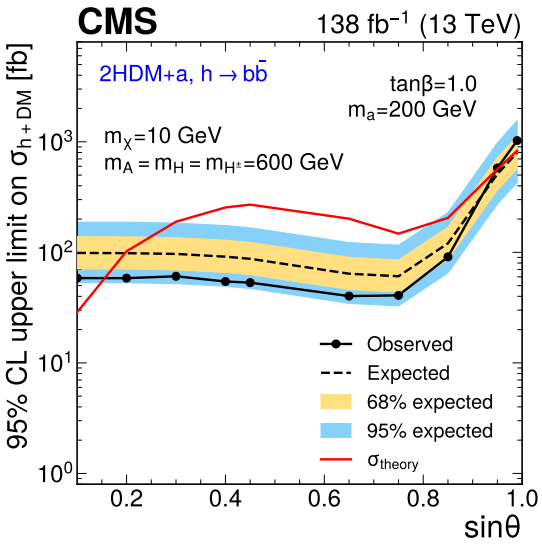
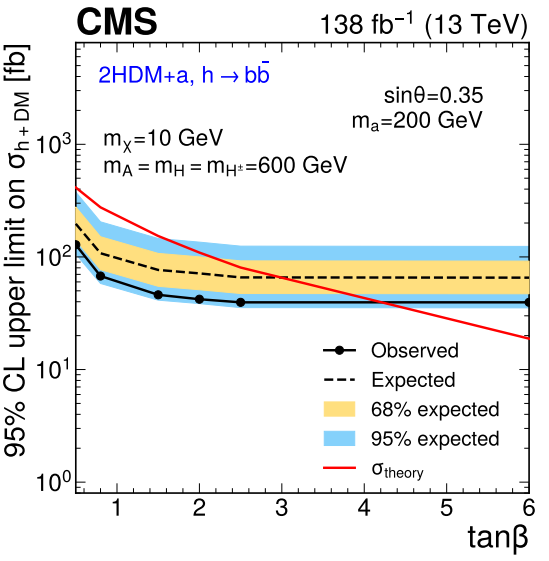

CMS
138 fb^{-1} (13 TeV)
2HDM+a, h → bb̄
sinθ=0.35, tanβ=1.0
m$_\chi$=10 GeV
m$_A$ = m$_H$ = m$_{H^\pm}$=1000 GeV
Observed
Expected
68% expected
95% expected
σ$_{theory}$
95% CL upper limit on σ$_{h+DM}$ [fb]
m$_a$ [GeV]


CMS
138 fb^{-1} (13 TeV)
2HDM+a, h → bb̄
sinθ=0.35, tanβ=1.0
m$_a$=350 GeV
m$_\chi$=10 GeV
m$_A$ = m$_H$ = m$_{H^\pm}$
Observed
Expected
68% expected
95% expected
σ$_{theory}$
95% CL upper limit on σ$_{h+DM}$ [fb]
m$_A$ [GeV]


CMS
138 fb^{-1} (13 TeV)
2HDM+a, h → bb̄
tanβ=1.0
m$_a$=200 GeV
m$_\chi$=10 GeV
m$_A$ = m$_H$ = m$_{H^\pm}$=600 GeV
Observed
Expected
68% expected
95% expected
σ$_{theory}$
95% CL upper limit on σ$_{h+DM}$ [fb]
sinθ


CMS
138 fb^{-1} (13 TeV)
2HDM+a, h → bb̄
sinθ=0.35
m$_a$=200 GeV
m$_\chi$=10 GeV
m$_A$ = m$_H$ = m$_{H^\pm}$=600 GeV
Observed
Expected
68% expected
95% expected
σ$_{theory}$
95% CL upper limit on σ$_{h+DM}$ [fb]
tanβ