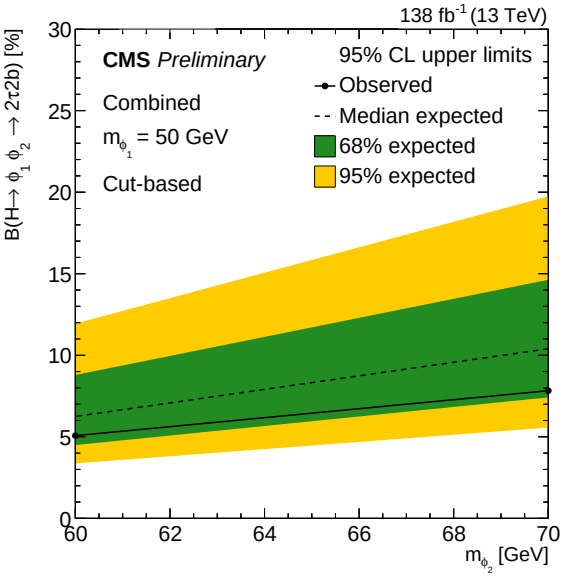
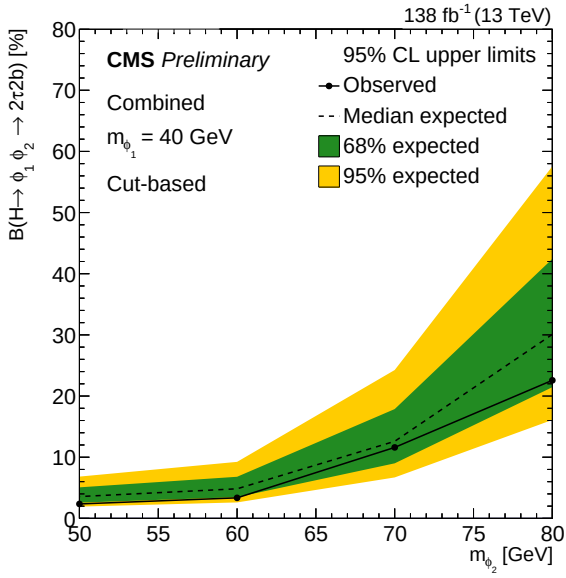
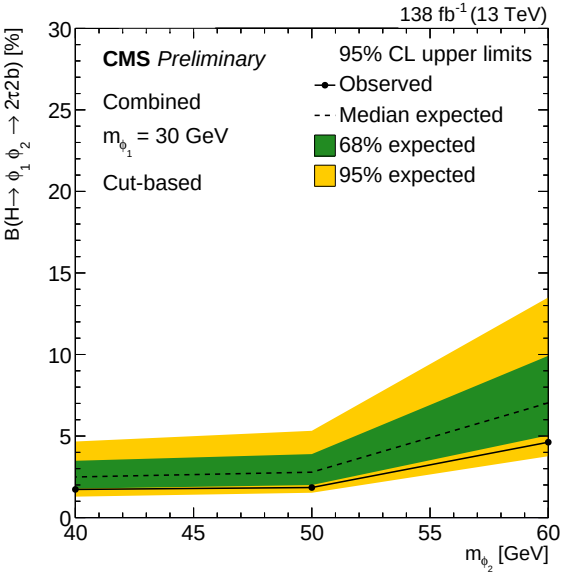
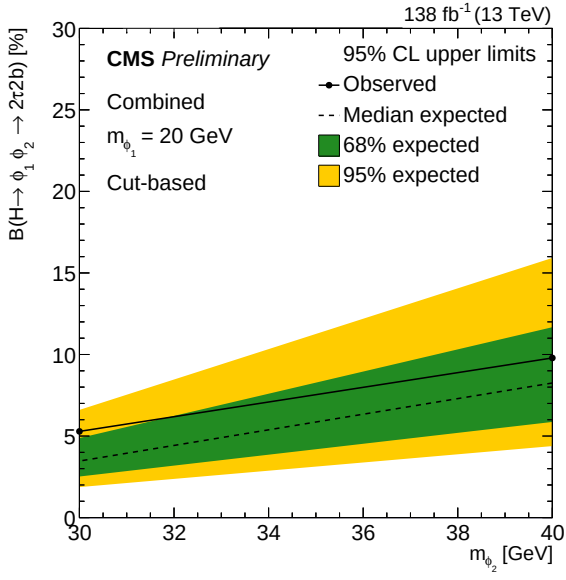
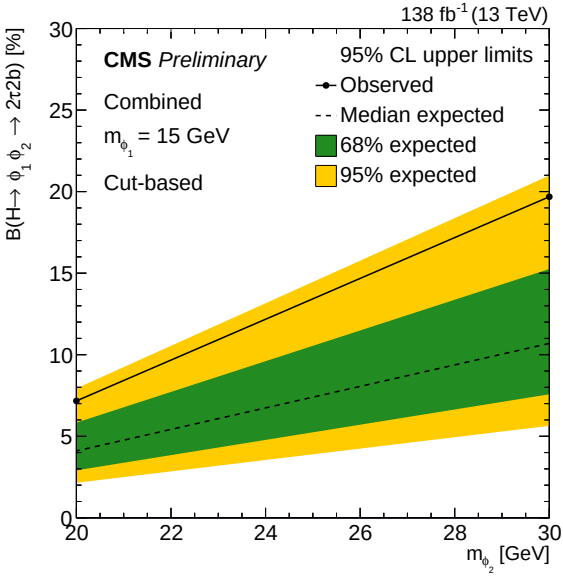

138 fb^{-1} (13 TeV)
CMS Preliminary
Combined
m_{ϕ_1} = 50 GeV
Cut-based
95% CL upper limits
Observed
Median expected
68% expected
95% expected
$B(H\to\phi_1\phi_2\to 2\tau 2b)$ [%]
m_{ϕ_2} [GeV]


138 fb^{-1} (13 TeV)
CMS Preliminary
Combined
m_{ϕ_1} = 40 GeV
Cut-based
95% CL upper limits
Observed
Median expected
68% expected
95% expected
$B(H\to\phi_1\phi_2\to 2\tau 2b)$ [%]
m_{ϕ_2} [GeV]


138 fb^{-1} (13 TeV)
CMS Preliminary
Combined
m_{ϕ_1} = 30 GeV
Cut-based
95% CL upper limits
Observed
Median expected
68% expected
95% expected
$B(H\to\phi_1\phi_2\to 2\tau 2b)$ [%]
m_{ϕ_2} [GeV]


138 fb^{-1} (13 TeV)
CMS Preliminary
Combined
m_{ϕ_1} = 20 GeV
Cut-based
95% CL upper limits
Observed
Median expected
68% expected
95% expected
$B(H\to\phi_1\phi_2\to 2\tau 2b)$ [%]
m_{ϕ_2} [GeV]


138 fb^{-1} (13 TeV)
CMS Preliminary
Combined
m_{ϕ_1} = 15 GeV
Cut-based
95% CL upper limits
Observed
Median expected
68% expected
95% expected
$B(H\to\phi_1\phi_2\to 2\tau 2b)$ [%]
m_{ϕ_2} [GeV]