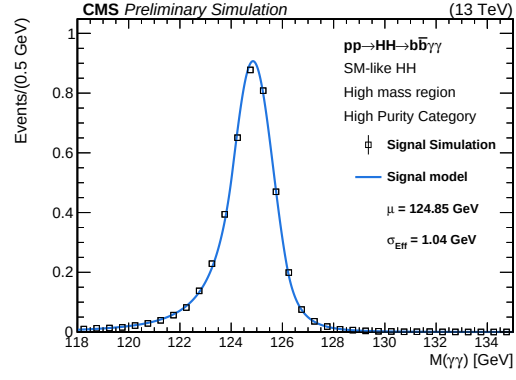
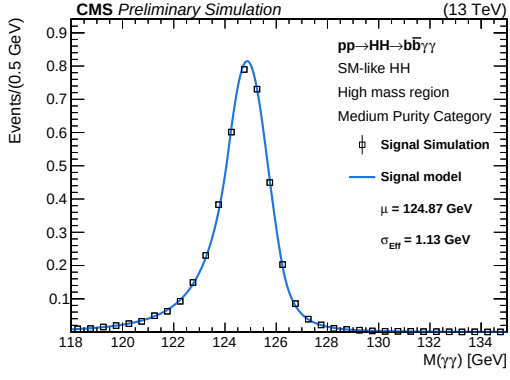
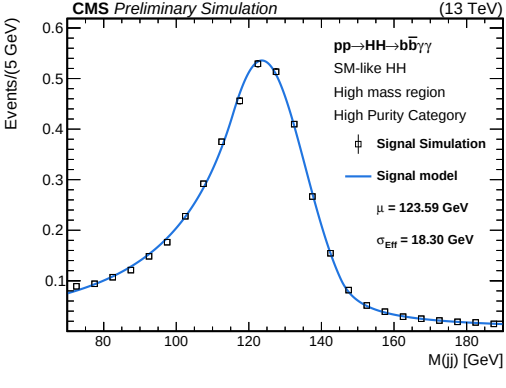
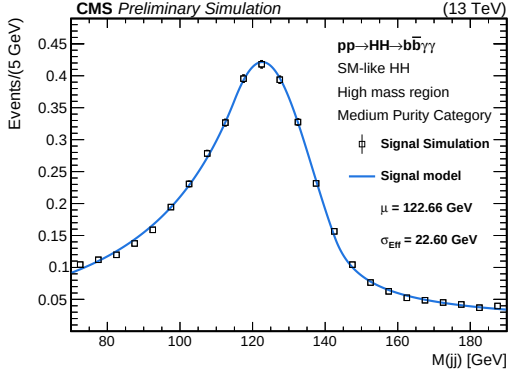

CMS Preliminary Simulation
(13 TeV)
pp→HH→bb̄γγ
SM-like HH
High mass region
High Purity Category
Signal Simulation
Signal model
μ = 124.85 GeV
σEff = 1.04 GeV
Events/(0.5 GeV)
M(γγ) [GeV]


CMS Preliminary Simulation
(13 TeV)
pp→HH→bb̄γγ
SM-like HH
High mass region
Medium Purity Category
Signal Simulation
Signal model
μ = 124.87 GeV
σEff = 1.13 GeV
Events/(0.5 GeV)
M(γγ) [GeV]


CMS Preliminary Simulation
(13 TeV)
pp→HH→bb̄γγ
SM-like HH
High mass region
High Purity Category
Signal Simulation
Signal model
μ = 123.59 GeV
σEff = 18.30 GeV
Events/(5 GeV)
M(jj) [GeV]


CMS Preliminary Simulation
(13 TeV)
pp→HH→bb̄γγ
SM-like HH
High mass region
Medium Purity Category
Signal Simulation
Signal model
μ = 122.66 GeV
σEff = 22.60 GeV
Events/(5 GeV)
M(jj) [GeV]