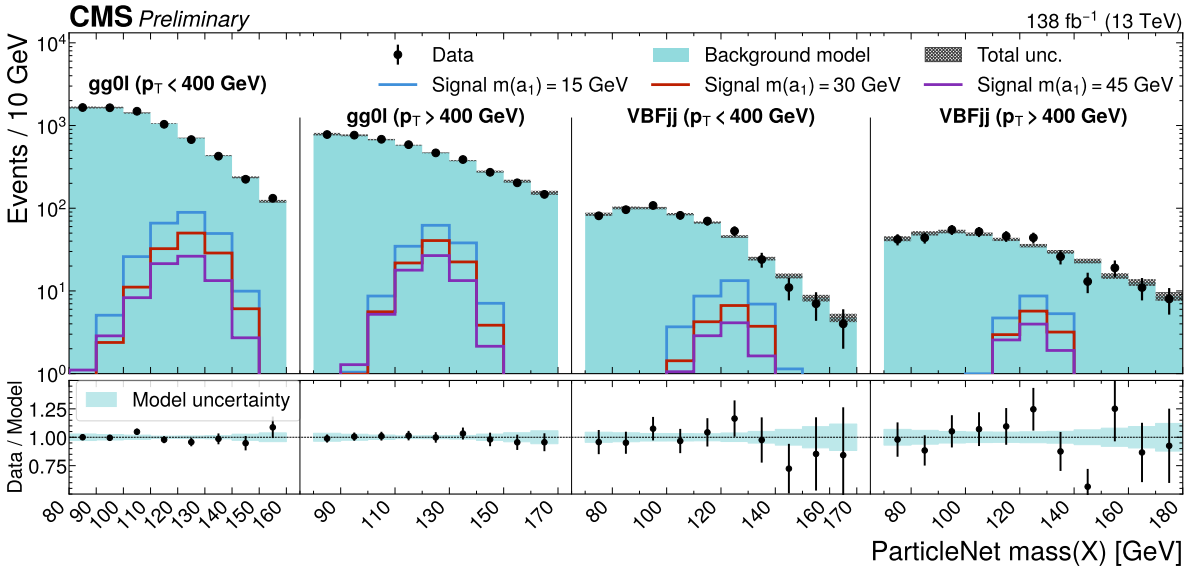
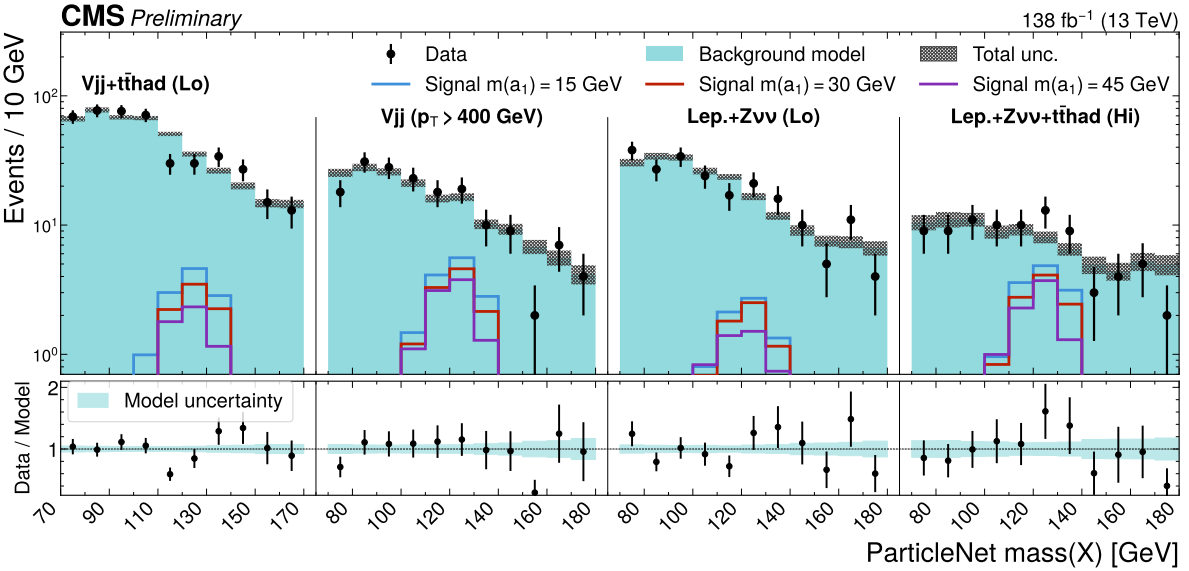

CMS Preliminary
138 fb^{-1} (13 TeV)
Data
Background model
Total unc.
Signal m(a$_1$) = 15 GeV
Signal m(a$_1$) = 30 GeV
Signal m(a$_1$) = 45 GeV
gg0l (p$_T$ < 400 GeV)
gg0l (p$_T$ > 400 GeV)
VBFjj (p$_T$ < 400 GeV)
VBFjj (p$_T$ > 400 GeV)
Events / 10 GeV
Model uncertainty
Data / Model
ParticleNet mass(X) [GeV]


CMS Preliminary
138 fb^{-1} (13 TeV)
Data
Background model
Total unc.
Signal m(a$_1$) = 15 GeV
Signal m(a$_1$) = 30 GeV
Signal m(a$_1$) = 45 GeV
Vjj+tt̄had (Lo)
Vjj (p$_T$ > 400 GeV)
Lep.+Zνν (Lo)
Lep.+Zνν+tt̄had (Hi)
Events / 10 GeV
Model uncertainty
Data / Model
ParticleNet mass(X) [GeV]