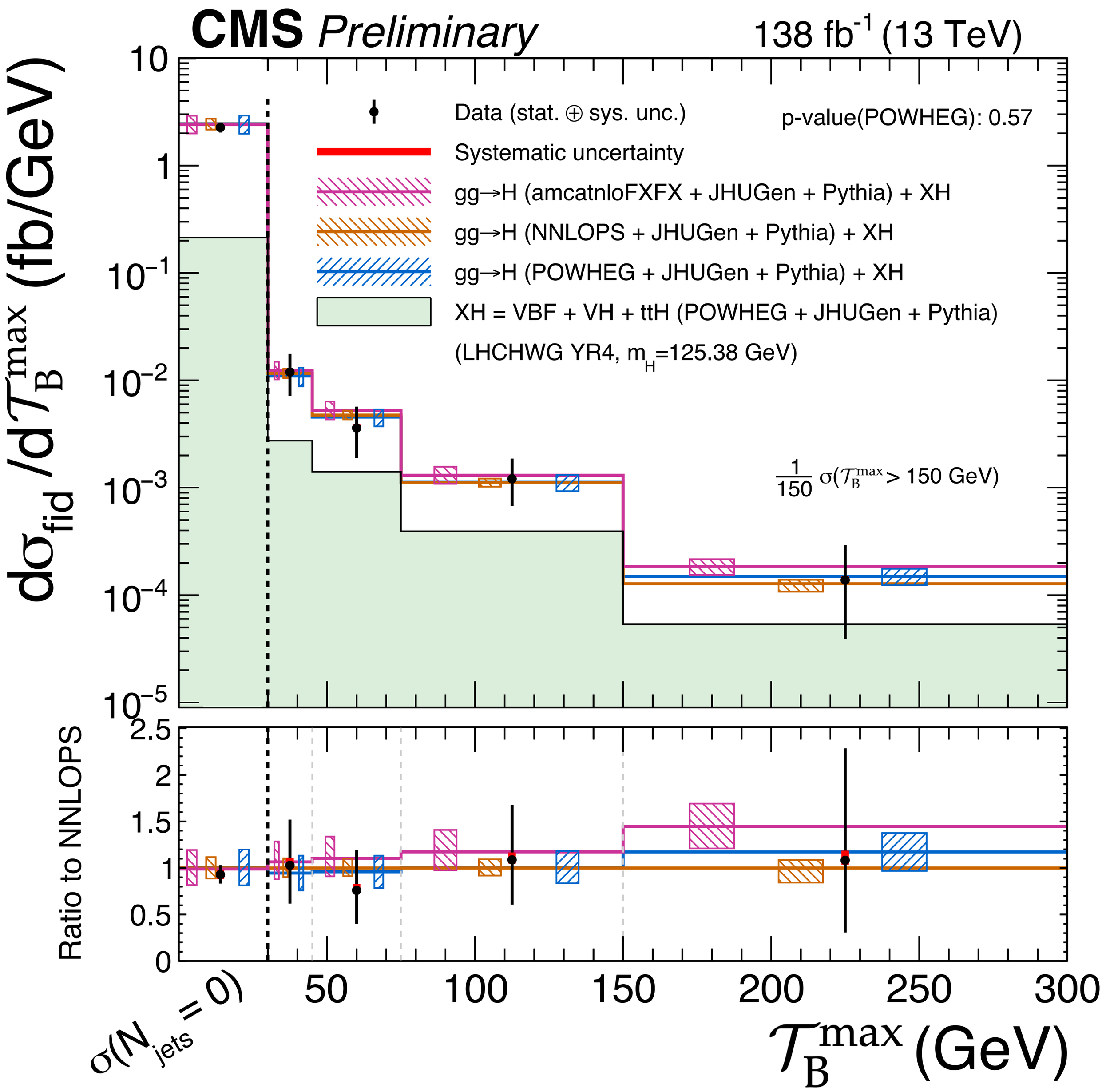
CMS Preliminary
138 fb^{-1} (13 TeV)
Data (stat. ⊕ sys. unc.)
Systematic uncertainty
gg→H (amcatnloFXFX + JHUGen + Pythia) + XH
gg→H (NNLOPS + JHUGen + Pythia) + XH
gg→H (POWHEG + JHUGen + Pythia) + XH
XH = VBF + VH + ttH (POWHEG + JHUGen + Pythia)
(LHCHWG YR4, m$_H$=125.38 GeV)
p-value(POWHEG): 0.57
$\frac{1}{150}\sigma(\mathcal{T}_B^{max} > 150$ GeV)
$d\sigma_{fid}/d\mathcal{T}_B^{max}$ (fb/GeV)
Ratio to NNLOPS
$\sigma(N_{jets} = 0)$
$\mathcal{T}_B^{max}$ (GeV)