





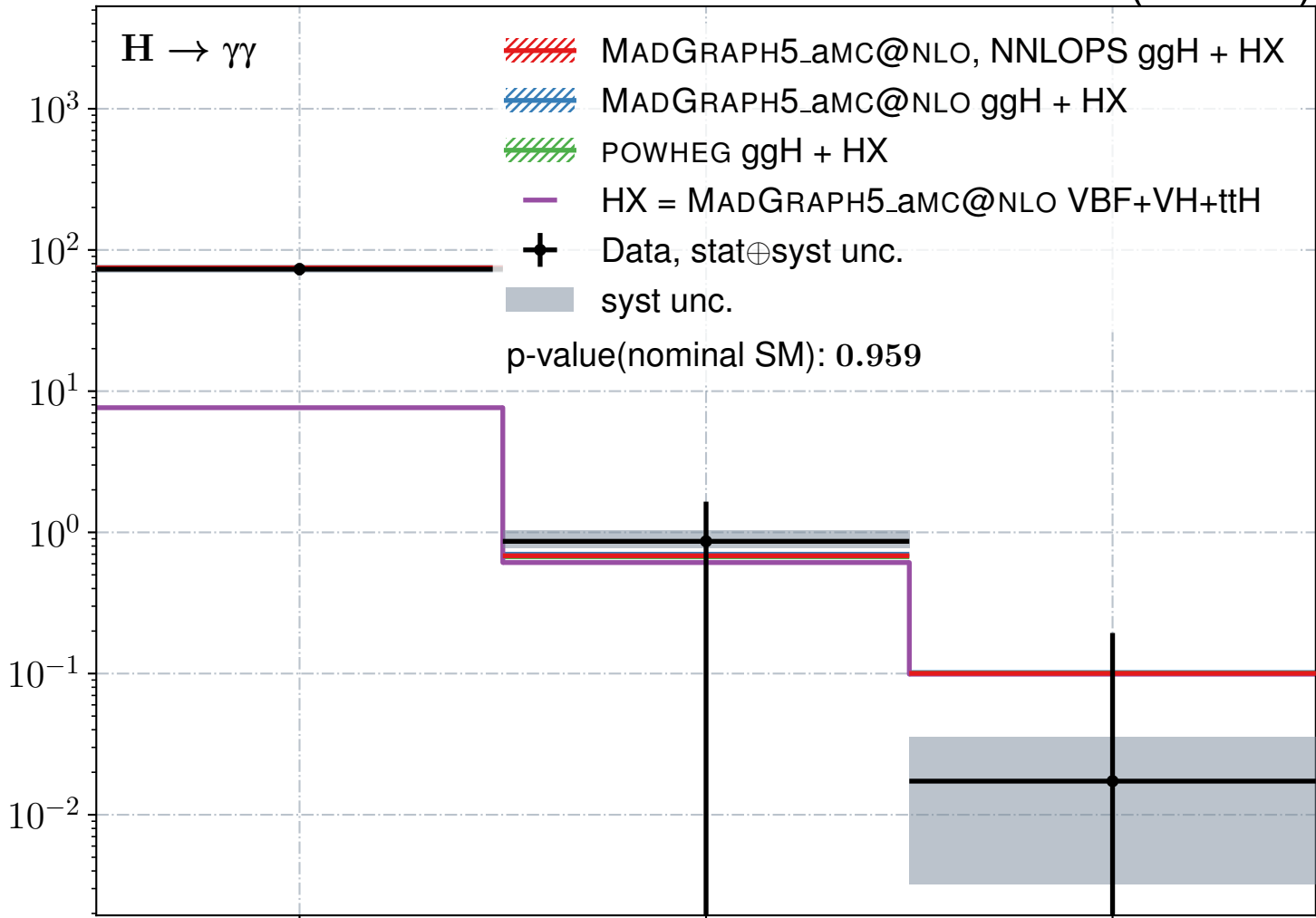


H → γγ

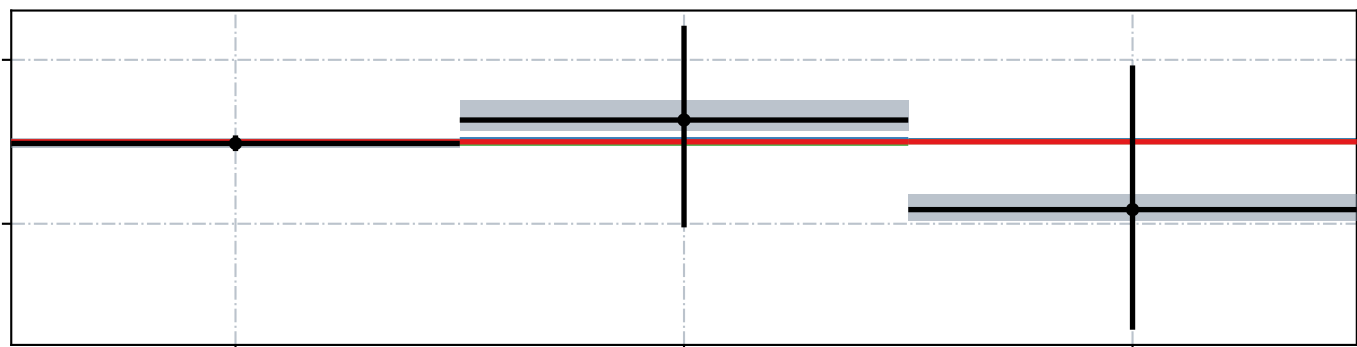
-  MADGRAPH5\_aMC@NLO, NNLOPS ggH + HX
-  MADGRAPH5\_aMC@NLO ggH + HX
-  POWHEG ggH + HX
-  HX = MADGRAPH5\_aMC@NLO VBF+VH+ttH
-  Data, stat ⊕ syst unc.
-  syst unc.

p-value(nominal SM): 0.959

$\Delta\sigma_{\text{fid}} / \Delta n_{\text{leptons}} (\text{fb})$



Ratio to prediction



$n_{\text{leptons}}$