





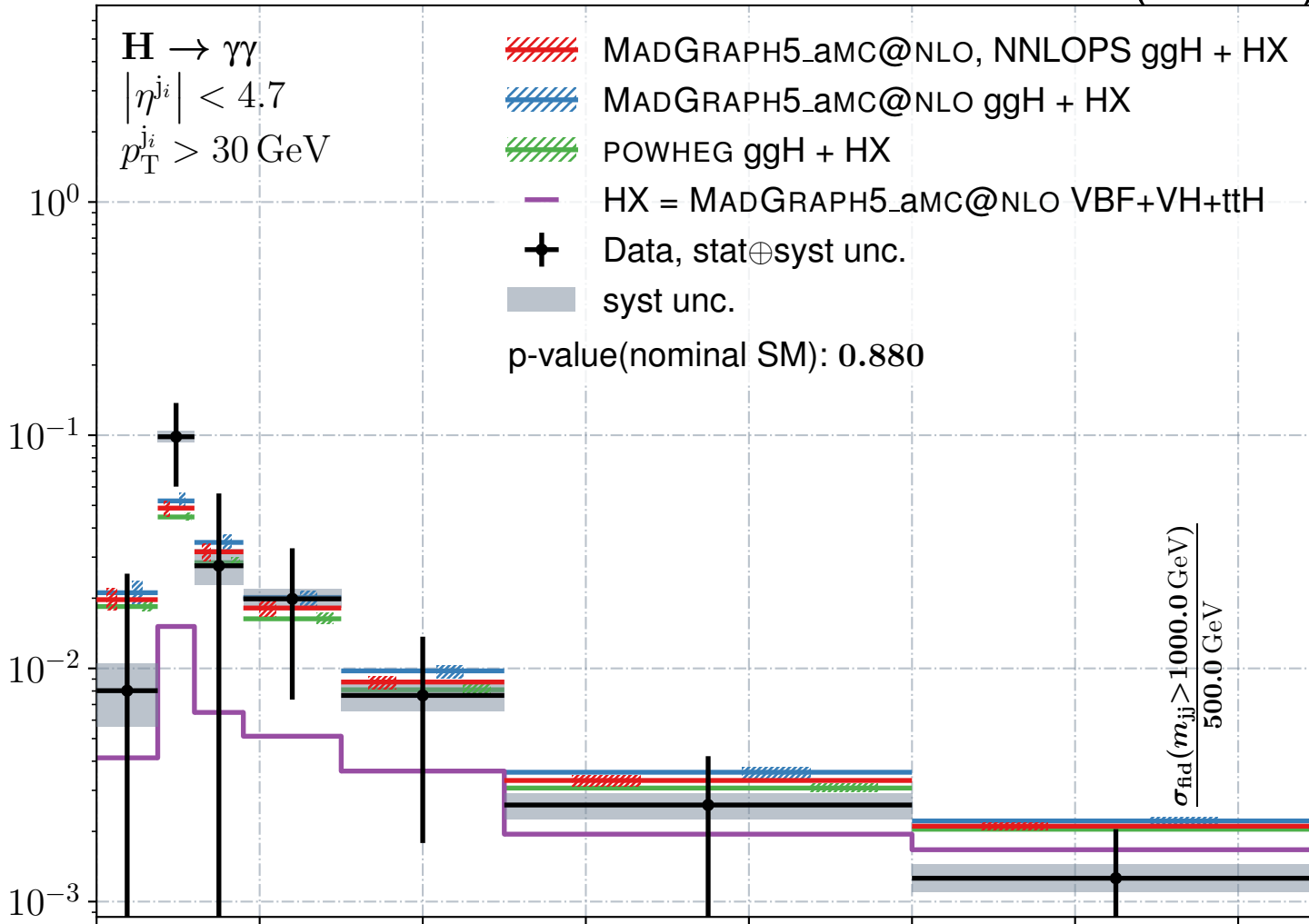


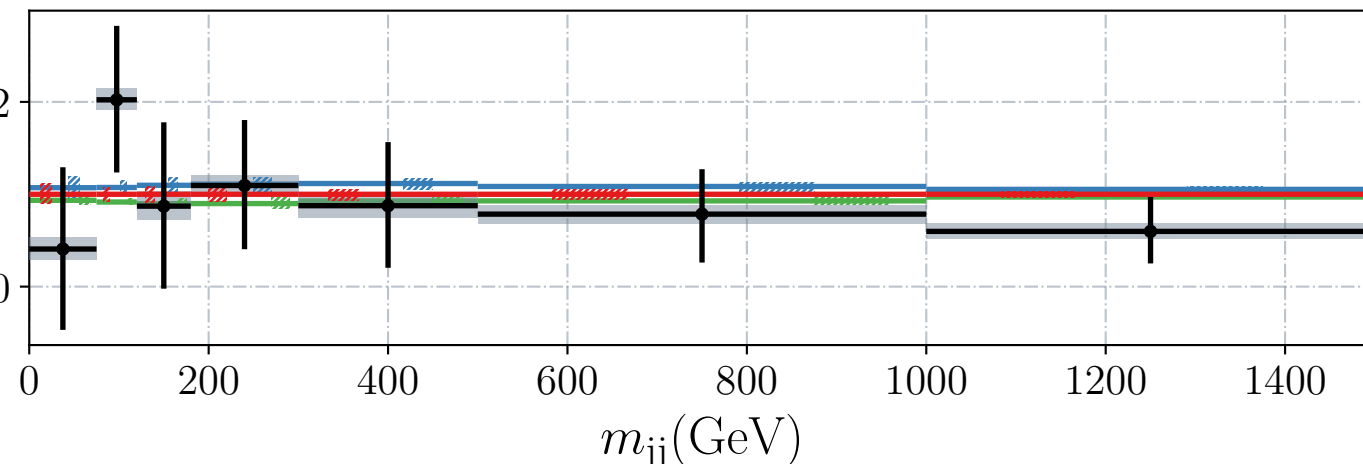
$H \rightarrow \gamma\gamma$   
 $|\eta^{ji}| < 4.7$   
 $p_T^{ji} > 30 \text{ GeV}$

-  MADGRAPH5\_aMC@NLO, NNLOPS ggH + HX
  -  MADGRAPH5\_aMC@NLO ggH + HX
  -  POWHEG ggH + HX
  -  HX = MADGRAPH5\_aMC@NLO VBF+VH+ttH
  -  Data, stat $\oplus$ syst unc.
  -  syst unc.
- p-value(nominal SM): 0.880

$\Delta\sigma_{\text{fid}}/\Delta m_{jj}(\text{fb}/\text{GeV})$



Ratio to prediction



$m_{jj}(\text{GeV})$