





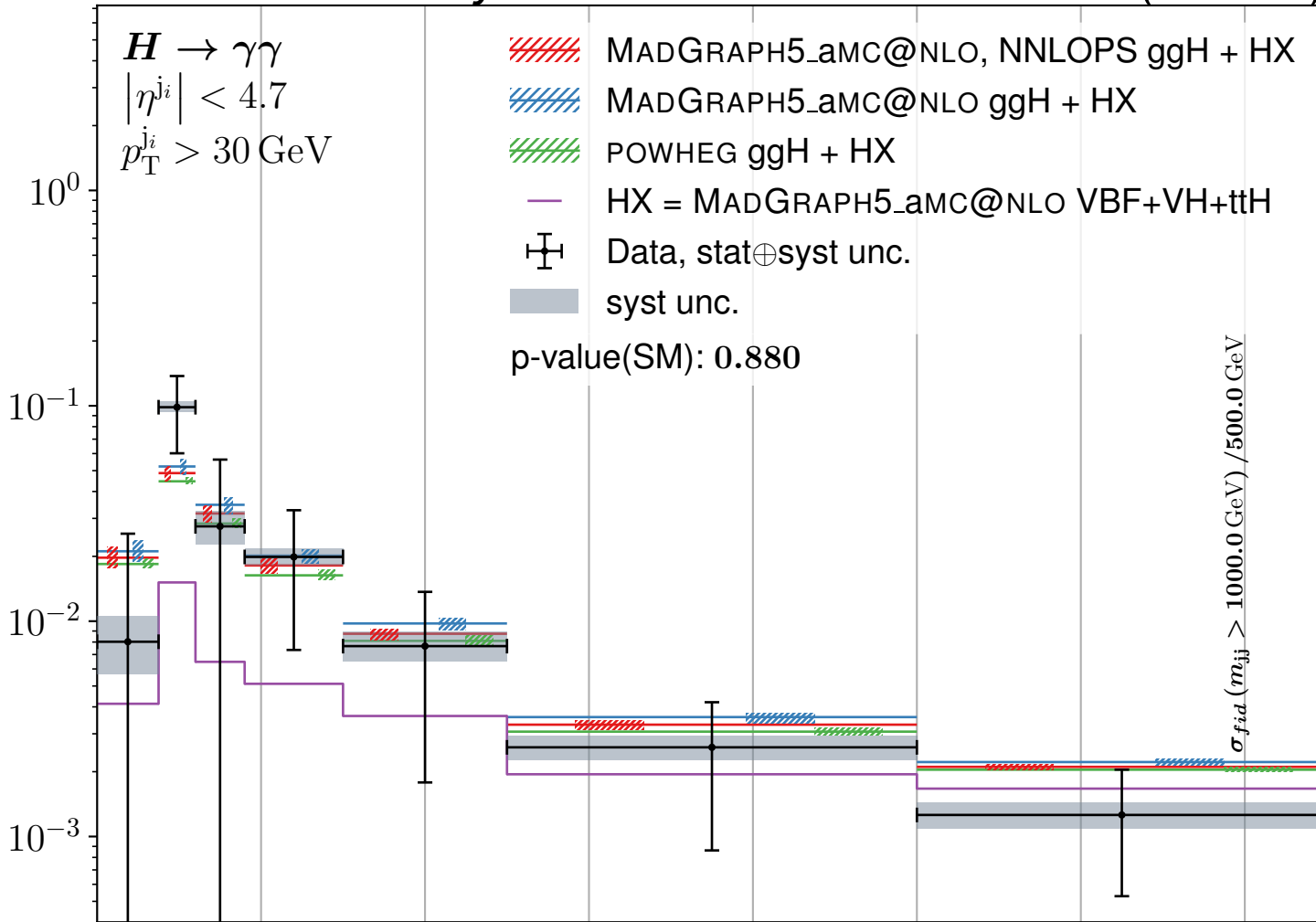


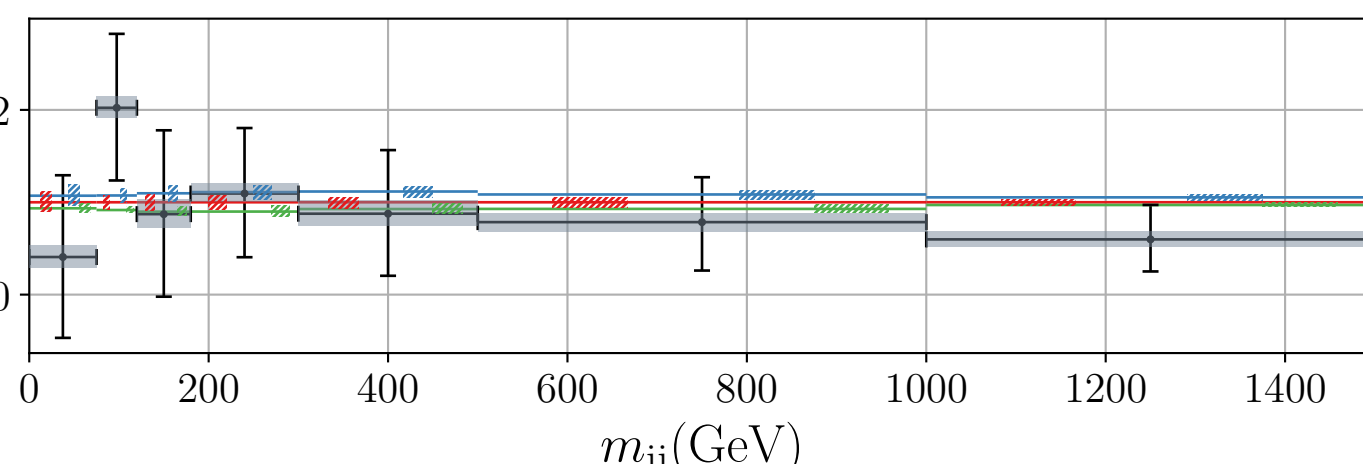
$H \rightarrow \gamma\gamma$
 $|\eta^{ji}| < 4.7$
 $p_T^{ji} > 30 \text{ GeV}$

-  MADGRAPH5_aMC@NLO, NNLOPS ggH + HX
 -  MADGRAPH5_aMC@NLO ggH + HX
 -  POWHEG ggH + HX
 -  HX = MADGRAPH5_aMC@NLO VBF+VH+ttH
 -  Data, stat ⊕ syst unc.
 -  syst unc.
- p-value(SM): 0.880

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



Ratio to prediction



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