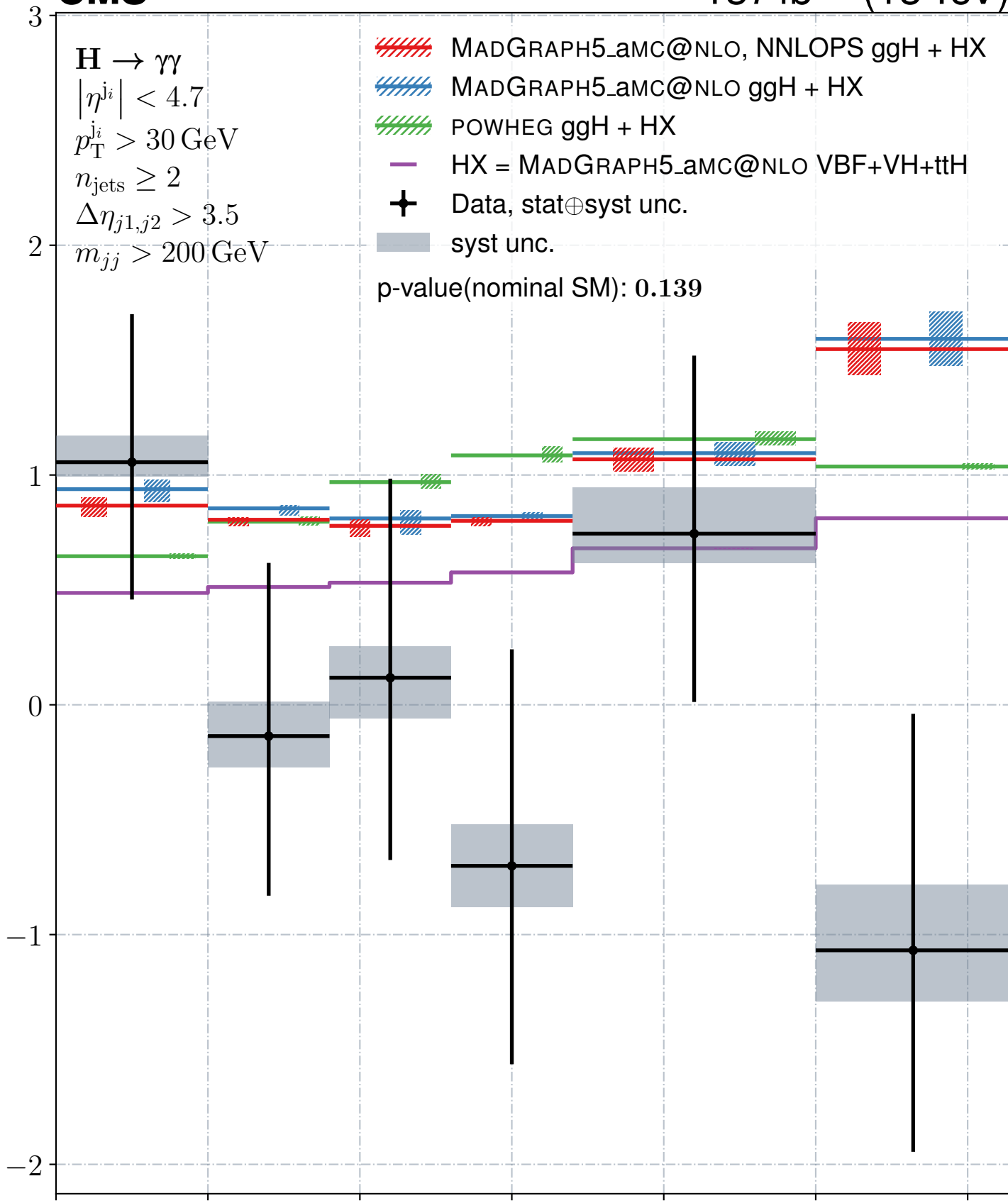


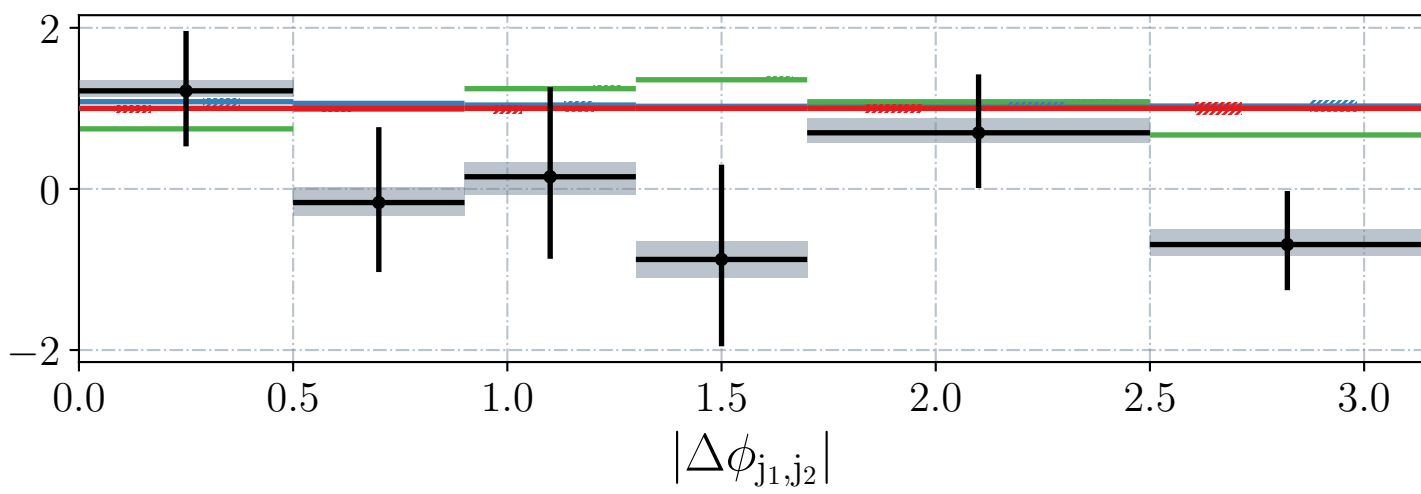
$H \rightarrow \gamma\gamma$
 $|\eta^{j_i}| < 4.7$
 $p_T^{j_i} > 30 \text{ GeV}$
 $n_{\text{jets}} \geq 2$
 $\Delta\eta_{j_1, j_2} > 3.5$
 $m_{jj} > 200 \text{ GeV}$

- 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(nominal SM): 0.139

$\Delta\sigma_{\text{fid}} / \Delta|\Delta\phi_{j_1, j_2}| \text{ (fb)}$



Ratio to prediction



$|\Delta\phi_{j_1, j_2}|$