







$H \rightarrow \gamma\gamma$
 $|\eta^j| < 4.7$

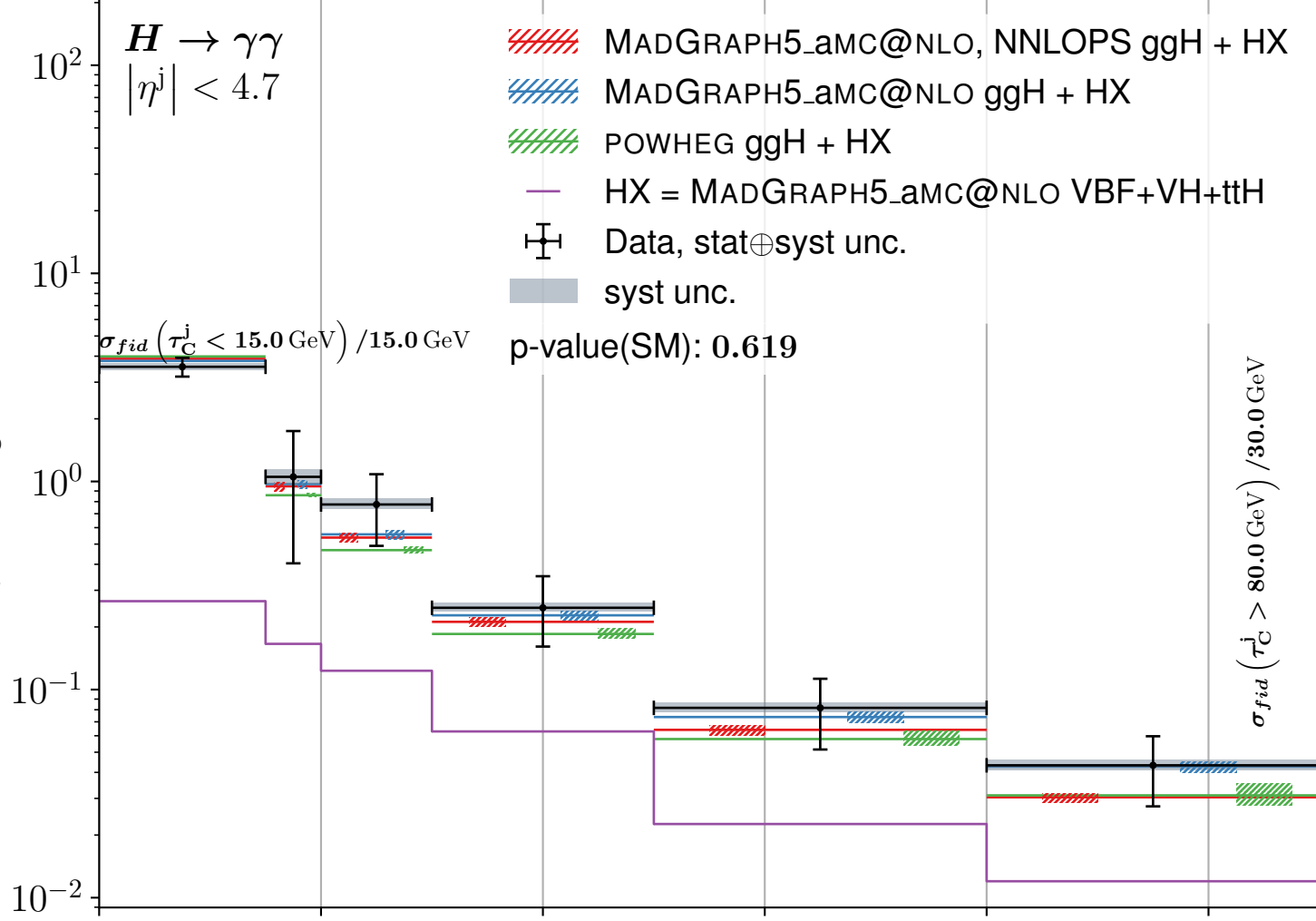
-  MADGRAPH5_aMC@NLO, NNLOPS ggH + HX
-  MADGRAPH5_aMC@NLO ggH + HX
-  POWHEG ggH + HX
-  HX = MADGRAPH5_aMC@NLO VBF+VH+ttH
-  Data, stat ⊕ syst unc.
-  syst unc.

p-value(SM): 0.619

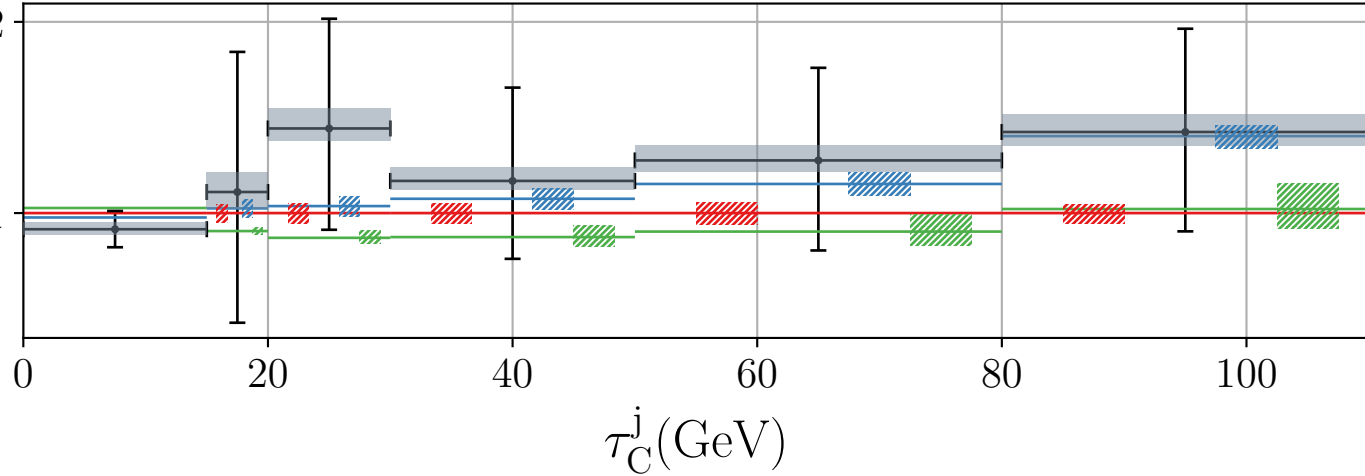
$\Delta\sigma_{fid} / \Delta\tau_C^j(\text{fb}/\text{GeV})$

$\sigma_{fid}(\tau_C^j < 15.0 \text{ GeV}) / 15.0 \text{ GeV}$

$\sigma_{fid}(\tau_C^j > 80.0 \text{ GeV}) / 30.0 \text{ GeV}$



Ratio to prediction



$\tau_C^j(\text{GeV})$