







$H \rightarrow \gamma\gamma$   
 $|\eta^{j_1}| < 2.5$   
 $p_T^{j_1} > 30 \text{ GeV}$

-  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(SM): 0.310

