







$H \rightarrow \gamma\gamma$

$\Delta\sigma_{\text{fid}}/\Delta|y^{\gamma\gamma}| \text{ (fb)}$

-  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): 0.959

Ratio to prediction

0.0 0.5 1.0 1.5 2.0 2.5

$|y^{\gamma\gamma}|$

