

CMS $138 \text{ fb}^{-1} (13 \text{ TeV})$

Events / 40 GeV

3T region

• Data

Bkg. only post-fit

••• $T \rightarrow tH, m_T = 900 \text{ GeV} \times 10$ 120
100
80
60
40
20
0800 900 1000 1100 1200 1300
 $m_{tH} [\text{GeV}]$ 