CMS, $\sqrt{s} = 7$ TeV, L = 4.6 fb$^{-1}$

All channels

$\tau \tau$ → $H \times (5 \times)$ observed

$Z \rightarrow \tau \tau$

$t\bar{t}$

electroweak

multijets

VBF Category

$\frac{dN}{dm_{\tau\tau}} [1/\text{GeV}]$

$m_{\tau\tau} [\text{GeV}]$