

$dN/dm_H [1/\text{GeV}]$

CMS $H \rightarrow hh \rightarrow \tau\tau bb$

$19.7 \text{ fb}^{-1} (8 \text{ TeV})$

$\mu\tau_h$

2-jet 1 b-tag

--- $10 \times H \rightarrow hh \rightarrow \tau\tau bb$

—●— Observed

■ $Z \rightarrow \tau\tau$

■ Electroweak

■ QCD

■ $t\bar{t}$

▨ Bkg. uncertainty

MSSM $m_{\text{mod}+}^h$ scenario

$m_H = 300 \text{ GeV}, \tan\beta = 2$

