

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

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

19.7 fb⁻¹ (8 TeV)

$\mu\tau_h$

2-jet 0 b-tag

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

—●— Observed

■ $Z \rightarrow \tau\tau$

■ Electroweak

■ QCD

■ $t\bar{t}$

▨ Bkg. uncertainty

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

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

