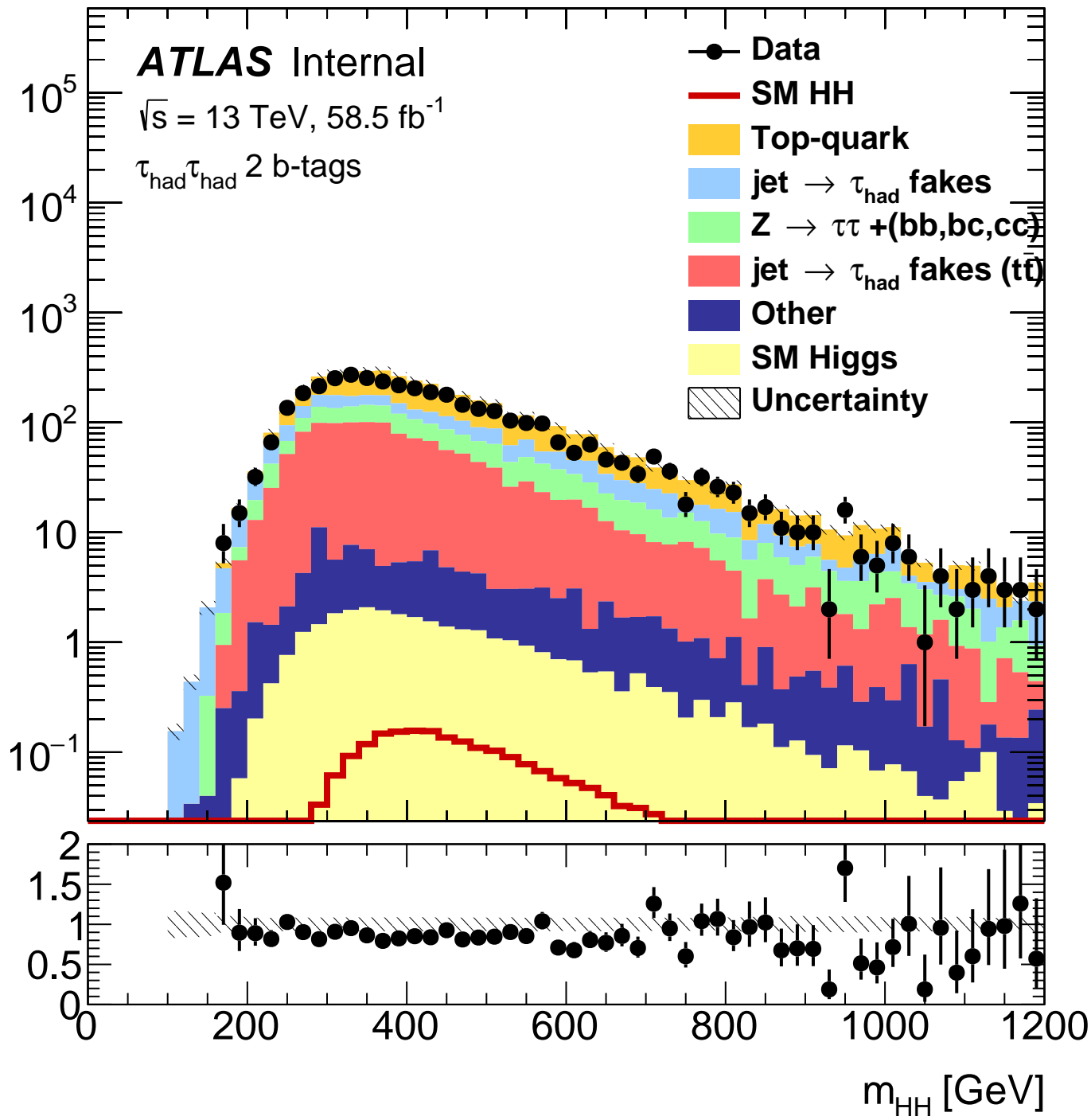


Events / 20 GeV

**ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 58.5 \text{ fb}^{-1}$  $\tau_{\text{had}}\tau_{\text{had}}$  2 b-tags

- Data
- SM HH
- Top-quark
- jet  $\rightarrow \tau_{\text{had}}$  fakes
- Z  $\rightarrow \tau\tau$  + (bb, bc, cc)
- jet  $\rightarrow \tau_{\text{had}}$  fakes (tt)
- Other
- SM Higgs
- Uncertainty



Data/Pred.

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