

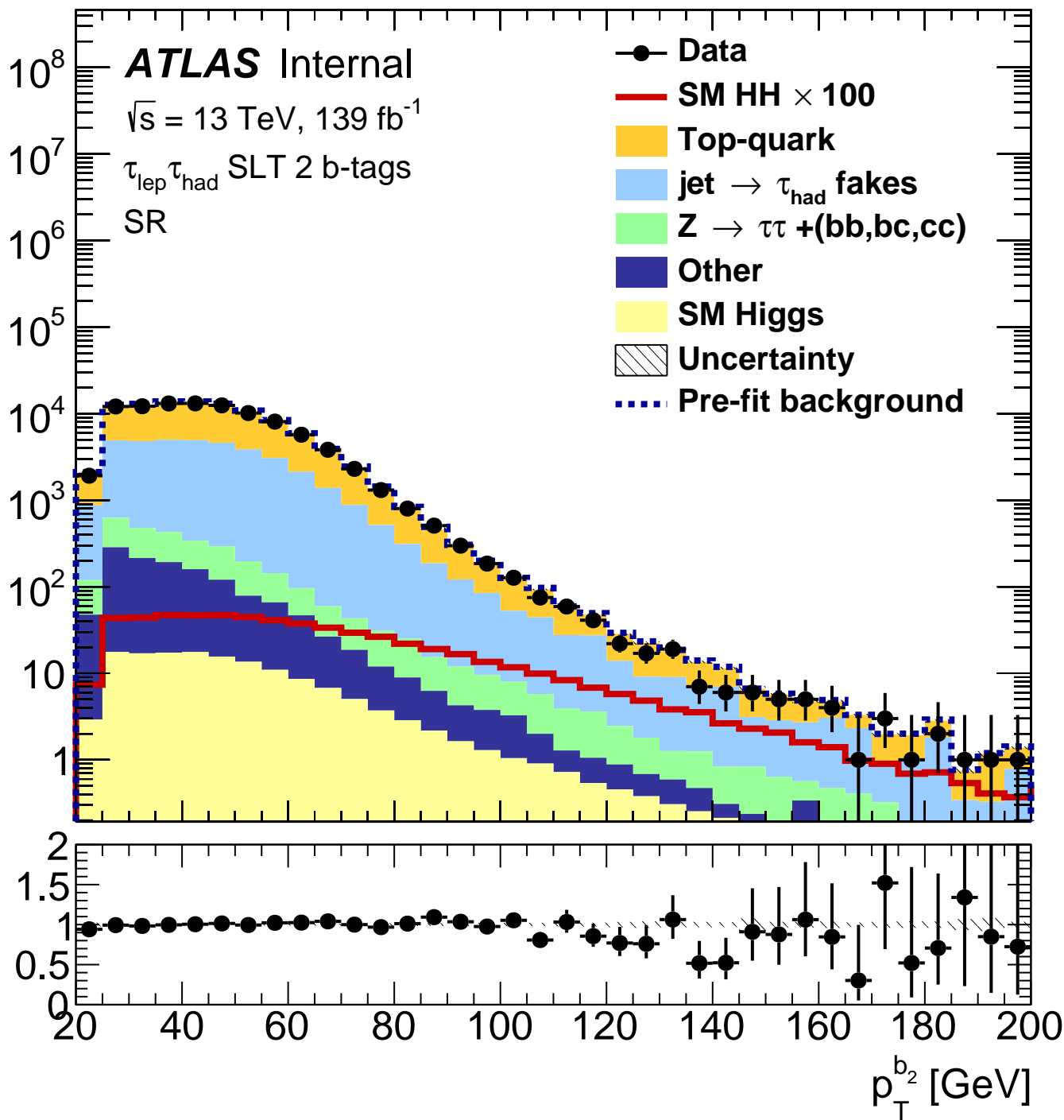
Events / 5 GeV

**ATLAS** Internal $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$  $\tau_{\text{lep}} \tau_{\text{had}}$  SLT 2 b-tags

SR

- Data
- SM HH  $\times 100$
- Top-quark
- jet  $\rightarrow \tau_{\text{had}}$  fakes
- Z  $\rightarrow \tau\tau$  +(bb, bc, cc)
- Other
- SM Higgs
- Uncertainty
- Pre-fit background

Data/Pred.

 $p_T^{b_2}$  [GeV]