

Events / 50 GeV

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

SR

● Data

— SM HH $\times 100$

Top-quark

jet $\rightarrow \tau_{\text{had}}$ fakesZ $\rightarrow \tau\tau$ +(bb,bc,cc)

Other

SM Higgs

Uncertainty

Pre-fit background

Data/Pred.

 s_T [GeV]