

Events / 0.25

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

LLOS

● Data

—  $X (\mu=0.02)$  $m_X=1100 \text{ GeV}$ 

■ Top-quark

■  $\text{jet} \rightarrow \tau_{\text{had}}$  fakes■  $Z \rightarrow \tau\tau + (bb, bc, cc)$ ■  $\text{jet} \rightarrow \tau_{\text{had}}$  fakes ( $t\bar{t}$ )

■ Other

■ SM Higgs

▨ Uncertainty

⋯ Pre-fit background

Data/Pred.

