

Events / GeV

**ATLAS** Internal  $\sqrt{s} = 14$  TeV, 3000 fb $^{-1}$

Projection from Run-2 data

$\tau_{\text{lep}}\tau_{\text{had}}$  CR-T

- Top
- Jet $\rightarrow\tau$  fake
- $Z/\gamma^*\rightarrow\tau\tau$
- $Z/\gamma^*\rightarrow ll$
- Diboson
- $A/H$  (300)
- $A/H$  (500)
- Uncertainty

$10^5$

$10^4$

$10^3$

$10^2$

200

300

400

500

600

$m_{\text{T}}^{\text{tot}}$  [GeV]

