

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|\vec{y}| \in [1, 2]$

■ ATLAS

◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{d|\vec{y}|^{t,1} dp_{\vec{T}}^{t,1}} \# [\text{fb}] \# [\text{TeV}]^{-1}$ 10^4 10^3 10^2

10

2

Ratio to ATLAS

1

0.5

 $p_{\vec{T}}^{t,1} \# [\text{TeV}]$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

(ATLAS_2022_I2077575)

