

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|\vec{p}_T^{t,1}| \in [0, 0.2]$

■ ATLAS

◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{d|\vec{p}_T^{t,1}| d\phi_{t\bar{t}}} \# [\text{fb}] \# [\text{TeV}]^{-1}$ 10^5 10^4 10^3 10^2

2

1

0.5

Ratio to ATLAS

0.5

1

1.5

2

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

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

