

13000 GeV pp

tt

 $P_{\text{out}}^{\text{top}}$ (ATLAS semileptonic ttbar)

- ATLAS
- ▲ Pythia 8.308 default

 $1 / \sigma \frac{d^2\sigma}{d p_{\text{T}}^{\text{t, had}} d |p_{\text{out}}^{\text{t, had}}|} [1/\text{GeV}^2]$ 10^{-4} 10^{-5} 10^{-6}

ATLAS_2019_I1750330

Rivet 3.1.10, 2.8M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

200

400

 $|p_{\text{out}}^{\text{t, had}}| [\text{GeV}], p_{\text{T}}^{\text{t, had}}$ in $[120, 200] [\text{GeV}]$ 