

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

- ATLAS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.308 tune-CUETP8S1

 $1 / \sigma d^2\sigma / dN_{\text{out}}^{\text{jets}} d|p_{\text{out}}^{\text{t, had}}| [1/\text{GeV}]$ 
 $10^{-2}$ 
 $10^{-3}$ 
 $10^{-4}$ 

ATLAS\_2019\_I1750330

Rivet 3.1.10,  $\geq 2.4\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

 $|p_{\text{out}}^{\text{t, had}}| [\text{GeV}], N_{\text{out}}^{\text{jets}} = 5$ 
