

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.308 default

 $1/\sigma \, d^2\sigma / d p_{\text{T}}^{\text{t, had}} d |p_{\text{out}}^{\text{t, had}}| \, [1/\text{GeV}^2]$ Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

 $|p_{\text{out}}^{\text{t, had}}| \, [\text{GeV}], p_{\text{T}}^{\text{t, had}} \text{ in } [200, 300] \, [\text{GeV}]$ 