

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.315 default

 $10^{-4}$  $10^{-5}$  $10^{-6}$  $10^{-7}$  $10^{-8}$ 

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000