

13000 GeV pp

 $t\bar{t}$  $p_T^{\text{top}}$  (ATLAS semileptonic  $t\bar{t}$ ) $10^{-4}$  $10^{-5}$  $10^{-6}$ 

- ATLAS
- Herwig 7.2.1 default
- △--- Pythia 6.428 370
- ▲--- Pythia 8.315 default
- ◆--- Sherpa 2.2.4 default

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

Ratio to ATLAS

1

0.5

2

1

0.5

0

500

1000