

13000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- ...♦ Sherpa 2.2.4 default

 $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

