

13000 GeV pp

 $t\bar{t}$  $m(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ )

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 vincia-default

 $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

1000

2000

3000

