

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

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

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

0.5

1

2

1000

2000

3000

0.5

1

2