

13000 GeV pp

 $t\bar{t}$  $p_T^{\text{top}}$  (ATLAS semileptonic  $t\bar{t}$ ) $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ 

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ✱ Pythia 6.428 349
- △ Pythia 6.428 370

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

