

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|\bar{y}| \in [1,2]$

- ATLAS
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- -▼ Pythia 6.428 372
- ··· Pythia 6.428 376

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y|^{t,1}$ 