

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|\tilde{y}| \in [0.2, 0.5]$

- ATLAS
- △ Pythia 6.428 370
- - * Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|\tilde{y}|^{t,1}$ 