

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- △ Pythia 6.428 373
- -○ Pythia 6.428 374
- Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382

 $1/\sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{\text{t}}}|$ 10^{-2} 10^{-3}

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $|y^{\text{t}\bar{\text{t}}}| N^{\text{jets}} = 6$