

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) $1/\sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{\text{t}}}|$

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ★ Pythia 6.428 397
- ▼ Pythia 6.428 398

1

 10^{-1}

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 2.4\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

 $|y^{\text{t}\bar{\text{t}}}| N^{\text{jets}} = 5$