

13000 GeV pp

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

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

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

1

 10^{-1} Rivet 3.1.10, $\geq 2.5M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

1

2

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