

13000 GeV pp

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

- ATLAS
- - * Pythia 6.428 355
- ... □ Pythia 6.428 356
- - △ Pythia 6.428 370
- - * Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

1

 10^{-1}

ATLAS_2019_I1750330

Rivet 3.1.10, ≥ 1.4 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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