

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 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

1
 10^{-1}

Rivet 3.1.10, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2
1
0.5

2
1
0.5

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