

13000 GeV pp

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

- ATLAS
- △ Pythia 6.425 ambt1
- ⋯● Pythia 6.425 z1
- Pythia 6.425 z2

 $1/\sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{\text{t}}}|$ 10^{-1}
 10^{-2} Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2
1
0.52
1
0.5 $|y^{\text{t}\bar{\text{t}}}| N^{\text{jets}} = 4$ 