

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.170 default
- - - □ Pythia 8.170 tune-4cx

 $d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{\text{t}}}|$ [pb] 10^2

10

1

Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

 $|y^{\text{t}\bar{\text{t}}}| N^{\text{jets}} = 4$