

13000 GeV pp

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

- ATLAS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

 $1/\sigma d^2\sigma / dN^{\text{jets}} dy^{\text{t, had}}$

1

 10^{-1} Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

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