

13000 GeV pp

 $t\bar{t}$ Rapidity (ATLAS semileptonic $t\bar{t}$) $\frac{d^2\sigma}{dN^{\text{jets}} d|y^{\text{t, had}}|} [\text{pb}]$

- ATLAS
- - ■ Pythia 6.425 359
- - ▲ Pythia 6.425 a
- - ▼ Pythia 6.425 dw
- - ○ Pythia 6.425 p0
- - ☆ Pythia 6.425 pro-q2o

 10^2

10

1

2

1

0.5

0

1

2

 $|y^{\text{t, had}}| N^{\text{jets}} = 4$ Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

