

13000 GeV pp

 $t\bar{t}$  $y(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ ) $1 / \sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{t}}|$  $10^{-1}$  $10^{-2}$  $10^{-3}$ 

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- ▲ Pythia 8.308 default

ATLAS\_2019\_I1750330

Ratio to ATLAS

2

1

0.5

Rivet 3.1.10, ≥ 2.8M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $|y^{\text{t}\bar{t}}| N^{\text{jets}} = 6$ 