

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

Ratio to ATLAS

0.5

2

0

1

2

 $|y^{\text{t}\bar{t}}| N^{\text{jets}} = 5$

- ATLAS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-1
- Pythia 8.308 tune-2c
- Pythia 8.308 tune-2m

ATLAS_2019_I1750330

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 2.8\text{M}$ events