

13000 GeV pp

 $t\bar{t}$

Parton-level leading top rapidity

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.315 default

 $d\sigma / d|y|^{t,1} \text{ # [fb]}$ 10^4 10^3 10^2 Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y|^{t,1}$ 