

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|y| \in [0, 0.2]$

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.201 default

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|y|^{t,1} dy^{t,1}$ 10
 1
 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

 2
 1
 0.5 2
 1
 0.5 $|y|^{t,1}$

0 0.5 1 1.5 2