

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ rapidity $1 / \sigma \# \# \dot{\sigma} / d|y^{t\bar{t}}|$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

- ATLAS
- Pythia 6.425 350
- Pythia 6.425 357
- Pythia 6.425 358
- -■- - Pythia 6.425 359

Ratio to ATLAS

2

1

0.5

 $|y^{t\bar{t}}|$ 