

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|y| \in [0.2, 0.5]$ $d^2\sigma / d|y|^{t,1} dp_{\{T\}}^{t,1} \# \{fb\} \# \{TeV\}^{-1}$

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

 10^5
 10^4
 10^3
 10^2
 2
 1
 0.5 2
 1
 0.5 $p_{\{T\}}^{t,1} \# \{TeV\}$

0.5

1

1.5

2