

13000 GeV pp

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

- 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

2

1

0.5

 $p_{T}^{t,1} \# \text{ [TeV]}$ 