

13000 GeV pp

 $t\bar{t}$ Particle-level subleading top rapidity, $|y^{t,1}| \in [0.2, 0.5]$

■ ATLAS

-□- Pythia 6.428 391

-+ Pythia 6.428 393

-●- Pythia 6.428 394

-▼- Pythia 6.428 395

 $d^2\sigma / d|y^{t,1}| d|y^{t,2}| \text{ \# [fb]}$ 10^3 10^2

10

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y^{t,2}|$

0

0.5

1

1.5

2