

13000 GeV pp

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

■ ATLAS

○ Pythia 6.428 390

□ Pythia 6.428 391

◇ Pythia 6.428 392

★ Pythia 6.428 396

☆ Pythia 6.428 397

▼ Pythia 6.428 398

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS-2022-12077575)

Ratio to ATLAS

2

1

0.5

 $|\bar{y}^{t,1}|$ 