

13000 GeV pp

 $t\bar{t}$

Particle-level top rapidity

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

10

■ ATLAS

■ Pythia 6.428 359

△ Pythia 6.428 370

▲ Pythia 6.428 a

▼ Pythia 6.428 dw

○ Pythia 6.428 p0

☆ Pythia 6.428 pro-q2o

(ATLAS_2022_I2077575)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0.5

1

1.5

 $|y^t|$ 