

13000 GeV pp

 $t\bar{t}$  $y(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ ) $d\sigma / d|y^{t\bar{t}}|$  [pb]

- ATLAS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

10

 $10^{-1}$ Rivet 3.1.10,  $\geq 2.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

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