

13000 GeV pp

 $t\bar{t}$ Boosted $l+jets$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.201 default
- - ◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dm_{t\bar{t}} d|y^{t\bar{t}}|} [pb/GeV]$ 10^{-2} 10^{-3} 10^{-4} 10^{-5} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m_{t\bar{t}} [GeV], |y^{t\bar{t}}| \in [1.3, 2.0] [GeV]$

1000

2000

3000

