

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$)

- ATLAS
- ▲ Pythia 8.170 default
- - □ Pythia 8.170 tune-4cx

 $\frac{d^2\sigma}{dN^{\text{jets}} dm^{\text{t}\bar{\text{t}}}} [\text{pb/GeV}]$ 10^{-1} 10^{-2} 10^{-3}

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 500\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000

 $m^{\text{t}\bar{\text{t}}}_{\text{}} [\text{GeV}], N^{\text{jets}} \geq 6$