

13000 GeV pp

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

■ ATLAS

— Pythia 8.307 eetherm

 $\frac{1}{\sigma} \frac{d\sigma}{dN} \frac{dN}{d\ln m_{t\bar{t}}} \frac{dN}{d\ln N^{\text{extra jet}}}$ Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.52
1
0.5

1000

2000

3000

 $m_{t\bar{t}} \text{ [GeV]}, N^{\text{extra jet}} = 0$ 