

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.135 default

$$d^2\sigma / dN^{\{extra\ jet\}} d m^{t\bar{t}} \text{ [pb/GeV]}$$

$$10^{-2}$$

$$10^{-3}$$

$$10^{-4}$$

$$10^{-5}$$

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$$2$$

$$1$$

$$0.5$$

$$2$$

$$1$$

$$0.5$$

1000

2000

3000

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