

13000 GeV pp

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

■ ATLAS

— Pythia 8.315 ropes

 $d^2\sigma / dN^{\{extra\ jet\}} d m^{t\bar{t}} [pb/GeV]$  $10^{-4}$  $10^{-3}$  $10^{-2}$ 

(ATLAS\_2019\_I1750330)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, 100k events

Ratio to ATLAS

0.5

2

1

1000

2000

3000

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

2

1

0.5