

13000 GeV pp

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

■ ATLAS

— Pythia 8.315 qcdcr0qq1

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

(ATLAS\_2019\_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m^{\bar{t}t}$  [GeV],  $N^{\{extra\ jet\}} = 1$ 