

13000 GeV pp

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

■ ATLAS

— Pythia 8.315 ropes

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

2

1

2

1

0.5

1000

2000

3000

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