

13000 GeV pp

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

■ ATLAS

---○ Herwig++ 2.7.1 default

— Herwig++ 2.7.1 UE-EE-5

---□ Herwig 7.2.1 default

 $\frac{d^2\sigma}{dN^{\{extra\ jet\}} d m^{t\bar{t}}} [pb/GeV]$ 10^{-4} 10^{-5} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

0.5

1

2

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