

13000 GeV pp

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

- ATLAS
- △ Pythia 6.425 ambt1
- Pythia 6.425 z2

 $1 / \sigma d^2\sigma / dN^{jets} dH_T^{t\bar{t}} [1/GeV]$ 10^{-3} 10^{-4} 10^{-5} 10^{-6}

(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

0 500 1000 1500 2000

 $H_T^{t\bar{t}} [GeV], N^{jets} = 6$ 