

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- - ■ Pythia 6.425 default
- - ☆ Pythia 6.425 pro-q2o

 $\frac{d^2\sigma}{dN^{fjets} dH_T^{t\bar{t}}} \text{ [pb/GeV]}$ 10^{-1} 10^{-2} 10^{-3} 10^{-4}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0 500 1000 1500 2000

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