

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS

—△ Pythia 6.424 ambt1

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

0 500 1000 1500 2000

 $H_T^{t\bar{t}} [\text{GeV}], N^{fjets} \geq 7$ 