

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

 $\frac{d^2\sigma}{dN^{fjets}} \frac{dH_T^{t\bar{t}}}{dH_T^{t\bar{t}}} [\text{pb/GeV}]$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

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