

13000 GeV pp

 $t\bar{t}$ 

Resolved l+jets

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default
- ◆- Sherpa 2.2.4 default

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

(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

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