

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.244 default
- ◆- Sherpa 2.2.4 default

 $1/\sigma d^2\sigma / dm_{T}^{t\bar{t}} dH_T^{t\bar{t}} [1/\text{GeV}^2]$  $10^{-6}$   
 $10^{-7}$   
 $10^{-8}$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $m_{T}^{t\bar{t}} [\text{GeV}], H_T^{t\bar{t}} \in [780, 2500] [\text{GeV}]$ 