

13000 GeV pp

 $t\bar{t}$  $\chi$  ( $t\bar{t}b\bar{a}$ ) (ATLAS semileptonic  $t\bar{t}b\bar{a}$ )

■ ATLAS

---○--- Herwig++ 2.6.1a default

---□--- Herwig 7.2.1 default

 $d^2\sigma / dN^{\text{jets}} d\chi^{\{t\bar{t}b\bar{a}\}} [\text{pb}]$ 

10

1

 $10^{-1}$  $10^{-2}$ 

2

1

0.5

Ratio to ATLAS

Rivet 3.1.10,  $\geq 300\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1750330

2

1

0.5

 $\chi^{\{t\bar{t}b\bar{a}\}} N^{\text{jets}} \geq 7$ 