

13000 GeV pp

 $t\bar{t}$ χ ($t\bar{t}\chi$) (ATLAS semileptonic $t\bar{t}\chi$)

■ ATLAS

---○ Herwig++ 2.7.1 default

---□ Herwig 7.2.1 default

 $1 / \sigma d^2\sigma / dN^{\text{jets}} d\chi^{\text{t}\bar{t}}$ 10^{-1} 10^{-2} Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

2

4

6

8

10

 $\chi^{\text{t}\bar{t}}$ $N^{\text{jets}} = 5$