

13000 GeV pp

 $t\bar{t}$ χ ($t\bar{t}\chi$) (ATLAS semileptonic $t\bar{t}\chi$) $\frac{d^2\sigma}{dN^{\text{jets}} d\chi^{\text{t}\bar{t}}}$ [pb] 10^2

10

1

 10^{-1}

■

ATLAS

□

Herwig 7.2.1 default

△

Pythia 6.428 370

▲

Pythia 8.308 default

◆

Sherpa 2.2.0 default

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\chi^{\text{t}\bar{t}} N^{\text{jets}} = 4$