

13000 GeV pp

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

10

1

 10^{-1}

■

ATLAS

—△

Pythia 6.428 370

- -■

Pythia 6.428 default

—▲

Pythia 8.308 default

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

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