

13000 GeV pp

 $t\bar{t}$ Extra jets multiplicity(ATLAS semileptonic $t\bar{t}$)

- ATLAS
- ▲ Pythia 8.170 default
- -▲ Pythia 8.170 default-CD
- ...▲ Pythia 8.170 default-MBR

 $d\sigma / dN^{\text{extra-jet}}$ [pb]

10

1

 10^{-1}

Ratio to ATLAS

2

1

0.5

2

4

 $N^{\text{extra-jet}}$ Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

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2

1

0.5