

13000 GeV pp

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

- ATLAS
- Herwig++ 2.6.1a default
- Herwig 7.2.1 default

 $1 / \sigma d\sigma / dN^{\text{extra-jet}}$

1

 10^{-1} Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $N^{\text{extra-jet}}$ 