

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.180 default
- ▲ Pythia 8.180 default-noCR

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

10

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

2

4

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