

13000 GeV pp

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

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

■ ATLAS
—▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
...▲ Pythia 8.308 default-MBR

ATLAS_2019_I1750330

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.5

2
1
0.5

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

2 4