

13000 GeV pp

 $t\bar{t}$

Extra jets multiplicity(atlas2022-1h)

 $d\sigma / d N_j$ [pb]

1

 10^{-1} 10^{-2}

- ATLAS
- ▲ Pythia 8.243 default
- Pythia 8.243 tune-A14-CTEQL1
- - - Pythia 8.243 tune-A14-MSTW2008LO
- ⋯ Pythia 8.243 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.243 tune-CUETP8S1

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 N_j

2

4