

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.315 default
- -●- Pythia 8.315 tune-2c
- -○- Pythia 8.315 tune-2m

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

0.5

2

2

1

0.5

0

1

2

3

4