

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- -▲ Pythia 8.315 default

Rivet 4.1.0, ≥ 2M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

1

2

3

4