

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default

 $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$ 1.4
1.2
1
0.8
0.6
0.4
0.2
0Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.5 $N_{ch}/d\eta d\phi$

0

1

2

3

4