

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- Pythia 6.427 346
- △ Pythia 6.427 347
- ◇ Pythia 6.427 348
- + Pythia 6.427 349
- △ Pythia 6.427 370

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

 $N_{ch}/d\eta d\phi$ 