

13000 GeV pp

Z+Jet

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- ·▼ Pythia 6.428 372
- ·● Pythia 6.428 376

Rivet 3.1.10, ≥ 2M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS, 2019, 11736531

Ratio to ATLAS

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