

13000 GeV pp

Z+Jet

 p_T spectrum (ATLAS UE in Z production) $1/N_{ch} dN_{ch}/dp_T$ [GeV]

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . Pythia 6.428 default
- ▲— Pythia 8.308 default

Rivet 3.1.10, ≥ 1.8M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

 p_T [GeV]