

13000 GeV pp

Z+Jet

 $\langle p_T \rangle$ (ATLAS UE in Z production)

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 default
- ▲ Pythia 8.201 default

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

