

13000 GeV pp

Z+Jet

 $p_T(Z) \rightarrow p_T(\text{jet})$ ratio (ATLAS Z+jets)

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.170 default

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2022_I2077570

Ratio to ATLAS

2

1

0.5

 $r_{Z,j}$ 