

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.170 default
- - □ Pythia 8.170 tune-4cx

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$

ATLAS_2019_I1736531

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

 $p_T [\text{GeV}]$ 