

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default
- - ▼ Pythia 8.308 vincia-default

 $1/N_{ev} dN_{ev}/ds \sum p_T/d\eta d\phi$ [GeV]⁻¹

Rivet 3.1.10, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_I1736531

Ratio to ATLAS

2

1

0.5

 $\sum p_T/d\eta d\phi$ [GeV]