

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

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

 $1/N_{ch} dN_{ch}/dp_T$ [GeV]3.5
3
2.5
2
1.5
1
0.5
0

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.50 2 4 p_T [GeV]