

13000 GeV pp

Z (Drell-Yan)

Transmin region, $0 < p_T^Z < 10$ [GeV], inclusive $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]Rivet 4.1.0, ≥ 1.7 M events

mcplots.cern.ch [arXiv:2401.10621]

- ATLAS
- ▲— Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ - - Pythia 8.315 tune-CUETP8S1

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

0

2

4

 p_T [GeV]