

13000 GeV pp

Z (Drell-Yan)

Away region, $40 < p_T^Z < 60$ [GeV], inclusive $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]

- ATLAS
- ▲ Pythia 8.230 default
- Pythia 8.230 tune-A14-CTEQL1
- - - Pythia 8.230 tune-A14-MSTW2008LO
- ⋯ Pythia 8.230 tune-A14-NNPDF2.3LO
- - - Pythia 8.230 tune-CUETP8S1

1

 10^{-1} 10^{-2}

(ATLAS_2019_I1736531)

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 p_T [GeV]