

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

- 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-SUEP8S1

10
1
10⁻¹
10⁻²Rivet 4.1.0, ≥ 1.3M events
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2
1
0.52
1
0.5

0 1 2 3 4