

13000 GeV pp

Z (Drell-Yan)

 $\langle \sum p_{T} / d\eta d\phi \rangle$ [GeV]Average $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default

Rivet 3.1.10, 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

Z p_T [GeV]