

13000 GeV pp

Z (Drell-Yan)

Average $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default

 $\langle \text{sum } p_T / d\eta d\phi \rangle$ [GeV]9
8
7
6
5
4
3
2
1
0Rivet 3.1.10, 3.3M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.5

0

200

400

 $Z p_T$ [GeV]