

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.308 default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

0.5

 $Z p_T$ [GeV] $\langle \text{sum } p_{T, \text{d}\eta \text{d}\phi} \rangle$ [GeV]

2

0.5

0

200

400