

13000 GeV pp

Z (Drell-Yan)

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

■ ATLAS

-△- Herwig++ Powheg 2.7.1 default

 $\langle \text{sum } p_T / d\eta d\phi \rangle$ [GeV]2.5
2
1.5
1
0.5
0

Rivet 3.1.10, 2.7M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

3
2
1
0.53
2
1
0.5

0

200

400

Z p_T [GeV]