

13000 GeV pp

Z (Drell-Yan)

<pT> vs p_T^Z (ATLAS UE in Z production) $\langle \sum p_{T\perp} / d\eta d\phi \rangle$ [GeV]

■ ATLAS
△ Herwig++ Powheg 2.7.1 default
◆ Sherpa 1.4.0 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

200

400

 $Z p_T$ [GeV]