

13000 GeV pp

Z (Drell-Yan)

<pT> vs p_T^Z (ATLAS UE in Z production)

- ATLAS
- MadGraph5 2.7.2.atlas3 lo
- -○- - MadGraph5 2.7.2.atlas3 lo1jet
- ...○... MadGraph5 2.7.2.atlas3 lo2jet

Rivet 3.1.10, ≥ 2.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

 $Z p_T$ [GeV]<mean $p_{T\perp}/d\eta d\phi$ > [GeV]

3

2.5

2

1.5

1

0.5

2

1

0.5

0

200

400