

13000 GeV pp

Z (Drell-Yan)

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)Rivet 4.1.0, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

2

4