

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

 $1/N_{ev} dN_{ev}/d\sum p_T/d\eta d\phi$ [GeV]⁻¹3
2.5
2
1.5
1
0.5
0Rivet 3.1.10, ≥ 2.6M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.5 $\sum p_T/d\eta d\phi$ [GeV]

0

2

4