

13000 GeV pp

Z (Drell-Yan)

Transmax region, $20 < p_T^Z < 40$ [GeV], inclusive

■ ATLAS

—▲ Pythia 8.315 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 10^{-1} 10^{-2}

Rivet 4.1.0, 2.4M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

2

1

0.5

Mean $p_T/d\eta d\phi$

3

2

1