

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.240 default
- ▲ Pythia 8.240 default-noCR

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 10
1
 10^{-1}
 10^{-2} Rivet 4.1.0, ≥ 300 k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2
1
0.52
1
0.5Mean $p_T/d\eta d\phi$

1

2

3