

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

■ ATLAS  
—▲ Pythia 8.170 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_{\text{T}}/d\eta d\phi \text{ [GeV]}^{-1}$ 

1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

ATLAS 2019\_I1736531

Ratio to ATLAS

2  
1  
0.5

sum  $p_{\text{T}}/d\eta d\phi$  [GeV]

Rivet 3.1.10, 400k events  
mcplots.cern.ch [arXiv:1306.3436]

2  
1  
0.5

