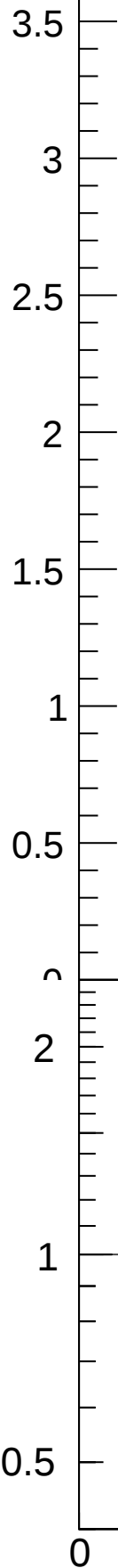


13000 GeV pp

Z (Drell-Yan)

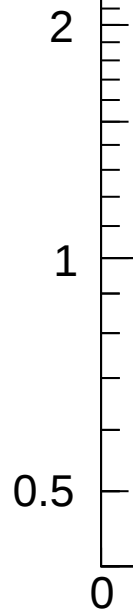
 $p_T$  spectrum (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default

 $1/N_{ch} dN_{ch}/dp_T$  [GeV]

ATLAS\_2019\_I1736531

Ratio to ATLAS

 $p_T$  [GeV]Rivet 3.1.10, 2.6M events  
mcplots.cern.ch [arXiv:1306.3436]