

13000 GeV pp

Z (Drell-Yan)

Toward region (low thrust)

 $\langle N_{\text{ch}}/d\eta d\phi \rangle$ 

■ ATLAS  
— Pythia 8.307 ppthermNoScat

3

2.5

2

1.5

1

0.5

0

(ATLAS\_2019\_I1736531)

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

 $Z p_T$  [GeV]