

13000 GeV pp

Z (Drell-Yan)

Toward region (low thrust)

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

10

1

 $10^{-1}$ 

Ratio to ATLAS

2

1

0.5

0

200

400

 $Z p_T$  [GeV]

■ ATLAS

□ Herwig 7.0.0 default

▲ Pythia 8.315 default

◆ Sherpa 2.2.9 default

(ATLAS\_2019\_I1736531)

Rivet 4.1.0,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5