

13000 GeV pp

Z (Drell-Yan)

Transverse region (low thrust)

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

- ATLAS
- Herwig++ 2.7.1 default
- △- Herwig++ Powheg 2.7.1 default
- ▽- Herwig++ Powheg 2.7.1 LHC-UE-EE-4
- Herwig 7.2.1 default

5

4

3

2

1

0

Rivet 4.1.0, $\geq 3.4\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

 $Z p_T$ [GeV]