

13000 GeV pp

Z (Drell-Yan)

Transverse region (inclusive)

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

■ 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

Rivet 4.1.0, $\geq 2\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

3

2

1

0.5

2

1

0.5

0

200

400

 $Z p_T [\text{GeV}]$ 