

13000 GeV pp

Z (Drell-Yan)

Toward region (high thrust)

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

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◇ Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

Rivet 4.1.0, $\geq 3.7\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2.5

2.0

1.5

1.0

0.5

2

1

0.5

0

200

400

 $Z p_T$ [GeV]

2

1

0.5