

13000 GeV pp

Z (Drell-Yan)

Transverse region (low thrust)

- 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, ≥ 2.6M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

 $Z p_T$ [GeV] $\langle \text{mean } p_T / d\eta d\phi \rangle$ [GeV]6
5
4
3
2
1
0
2
1
0.5

0

200

400