

13000 GeV pp

Z (Drell-Yan)

 $\langle N_{\text{ch}} \rangle$ vs p_{T}^Z (ATLAS UE in Z production)

- ATLAS
—▲ Pythia 8.308 default

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

3.5
3
2.5
2
1.5
1
0.5
0

Rivet 3.1.10, 2.6M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.5

2
1
0.5

 $Z p_{\text{T}}$ [GeV]

0

200

400