

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

 $\langle N_{\text{ch}}/d\eta d\phi \rangle$ 6
5
4
3
2
1
0
2
1
0.5Rivet 3.1.10, 2.6M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

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