

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
--□ Herwig 7.2.1 default

 $\langle N_{\text{ch}} \rangle / d\eta d\phi$ 5
4
3
2
1
0
2
1
0.5Rivet 3.1.10, 2.9M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

 $Z p_{\text{T}}$ [GeV]2
1
0.5