

13000 GeV pp

Z (Drell-Yan)

N<sub>ch</sub> (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default

 $1/N_{\text{ev}} dN_{\text{ev}}/dN_{\text{ch}}/d\eta d\phi$ 

Rivet 3.1.10, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

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Ratio to ATLAS

2

1

0.5

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