

13000 GeV pp

Z (Drell-Yan)

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

■ ATLAS
-◇- Sherpa 2.2.9 default

Rivet 4.1.0, 1.6M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

3
2.5
2
1.5
1
0.5
0

2
1
0.5

0

200

400

