

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

10  
1  
 $10^{-1}$   
 $10^{-2}$

Rivet 4.1.0,  $\geq 2.1$ M events  
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 1 2 3 4

