

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 vincia-default

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_{\text{T}}/d\eta d\phi \text{ [GeV]}^{-1}$ 1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0Rivet 3.1.10, $\geq 2.8\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2016_04_1736531

Ratio to ATLAS

2
1
0.52
1
0.5sum $p_{\text{T}}/d\eta d\phi \text{ [GeV]}$ 