

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ▲-- Pythia 8.170 default
- ...◆... Sherpa 2.2.9 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_{\text{T}}/d\eta d\phi \text{ [GeV]}^{-1}$

5

4

3

2

1

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0

0

0

0

0

0

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0

0

0

0

0

0

sum $p_{\text{T}}/d\eta d\phi \text{ [GeV]}$