

Nch (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 vincia-default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 3.1M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019\_11736531

