

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.165 default
- ◆ Sherpa 1.2.3 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_11736531

Ratio to ATLAS

Mean $p_T/d\eta d\phi$ 