

13000 GeV pp

Z+Jet

&lt;pT&gt; (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 1.2.3 default

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ Rivet 3.1.10,  $\geq 400\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_07.06.531

Ratio to ATLAS

 $p_T [\text{GeV}]$ 