

13000 GeV pp

Z+Jet

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ Rivet 3.1.10, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_11736531

Ratio to ATLAS

 $p_T [\text{GeV}]$ 