

13000 GeV pp

Z+Jet

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

- ATLAS
- Herwig++ 2.6.1a default
- Herwig 7.2.1 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_I1736531

 $1/N_{ev} dN_{ev}/d \text{ mean } p_T [\text{GeV}]^{-1}$

Ratio to ATLAS

Mean $p_T/d\eta d\phi$ 