

13000 GeV pp

Z+Jet

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▼ Herwig 7.2.1 softTune

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_T/d\eta d\phi [\text{GeV}]^{-1}$ 1
0.8
0.6
0.4
0.2
0

ATLAS_2019_1736531

Ratio to ATLAS

2
1
0.50 2 4 sum $p_T/d\eta d\phi [\text{GeV}]$ Rivet 3.1.10, $\geq 2.4\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2
1
0.5