

13000 GeV pp

Z+Jet

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

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

 $1/N_{ch} dN_{ch}/dp_T$ [GeV]0.25
0.2
0.15
0.1
0.05
0

ATLAS_2019_I1736531

Rivet 3.1.10, $\geq 2.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5

0

2

4

 p_T [GeV]