

13000 GeV pp

Z+Jet

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

- ATLAS
- ▲ Pythia 8.170 default
- - □ Pythia 8.170 tune-4cx

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_11736531

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

Ratio to ATLAS

Mean $p_T/d\eta d\phi$ 