

13000 GeV pp

Z+Jet

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

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-AU2
- ·◇ Pythia 8.308 tune-AU2lox
- ·□ Pythia 8.308 tune-AU2loxx
- ·★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_1116531

Ratio to ATLAS

2

1

0.5

sum $p_T/d\eta d\phi$ [GeV]