

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.315 default
- -▲ Pythia 8.315 default-CD
- -▲ Pythia 8.315 default-DL
- ...▲ Pythia 8.315 default-MBR

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

Rivet 4.1.0, ≥ 1.9M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

