

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, towards region

- ATLAS
- ▲ Pythia 8.186 default
- -▲ Pythia 8.186 default-CD
- -▲ Pythia 8.186 default-DL
- ...▲ Pythia 8.186 default-MBR

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

1

2

 $p_T^{\text{lead}}$  {[GeV]}