

13000 GeV pp

Underlying Event

Average $\Sigma(p_T)$ vs p_T^{lead} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 1$ GeV)

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

(ATLAS_2017_I1509919)

Ratio to ATLAS

Rivet 4.1.0, ≥ 1.5 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0 10 20 30