

13000 GeV pp

Underlying Event

 $\# \langle \{ \text{mean} \} p_T \# \rangle \{ [\text{GeV}] \}$

Mean average transverse momentum, towards region

- ATLAS
- Pythia 6.428 391
- + Pythia 6.428 393
- Pythia 6.428 394
- ▼ Pythia 6.428 395

Rivet 4.1.0, $\geq 2.2\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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