

13000 GeV pp

Underlying Event

 $\# \langle \{ \text{mean} \} p_T \# \} \{ \text{GeV} \}$

Mean average transverse momentum, towards region

- ATLAS
- - ■ Pythia 6.424 default
- - * Pythia 6.424 pro-q2o

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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