

7000 GeV pp

Underlying Event

Transverse $\langle p_T \rangle$ vs. p_T^{trk1} , $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- ▲— Pythia 8.240 default
- - ▼ - - Pythia 8.240 tune-AU2
- · · ◇ · · Pythia 8.240 tune-AU2lox
- · · □ · · Pythia 8.240 tune-AU2loxx
- · · ★ · · Pythia 8.240 tune-AU2m

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

 p_T (leading track) [GeV]