

7000 GeV pp

Underlying Event

Average p_T vs p_{T1} (AWAY) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- ▲ Pythia 8.176 default
- -▲ Pythia 8.176 default-CD
- ⋯▲ Pythia 8.176 default-MBR

Rivet 3.1.0, ≥ 7.2 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

0 5 10 15 20

p_T (leading track) [GeV]

3.5

3

2.5

2

1.5

1

0.5

0

 $\langle p_T \rangle$