

7000 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-AU2
- ◇ Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2lox
- ★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 3.4 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] $\langle p_T \rangle$

7

6

5

4

3

2

1

0