

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $p_T$  (leading track) [GeV] $\langle p_T \rangle$ 

8

7

6

5

4

3

2

1

0

0

5

10

15

20