

900 GeV pp

Underlying Event

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

7

6

5

4

3

2

1

0



ATLAS



Herwig++ 2.7.1 default



Herwig 7.2.1 default

Rivet 3.1.10,  $\geq 3.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $p_T$  (leading track) [GeV]