

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.4.5 default

3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0

Rivet 3.1.0, ≥ 6.9M 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]

0 5 10 15 20