

7000 GeV pp

Underlying Event

Toward  $\langle p_T \# \rangle$  vs.  $p_T^{\text{trk1}}$ ,  $\sqrt{s} = \{7 \text{ TeV}\}$  $\langle p_T \# \rangle$ 9  
8  
7  
6  
5  
4  
3  
2  
1  
0

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.0.4 default
- ▲- Pythia 8.243 default

(ATLAS\_2010\_I879407)

Rivet 4.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.52  
1  
0.50 5 10 15 20  
 $p_T$  (leading track) [GeV]