

7000 GeV pp

Underlying Event

 p_T density vs. $\Delta\phi$, $p_T^{\text{trk1}} > 5.0$ GeV, $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.0.4 default
- ▲- Herwig 7.0.4 UE-MMHT

 $\# \langle d^2 p_T / d\eta d\phi \rangle$

5

4

3

2

1

0

(ATLAS_2010_I879407)

0

2

1

0.5

Ratio to ATLAS

0

1

2

3

 $|\phi|$ (w.r.t. leading track) [rad]Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

