

7000 GeV pp

Underlying Event

Away $\sum p_T$ density vs. p_T^{trk1} , $\sqrt{s} = \{7 \text{ TeV}\}$ $\# \langle d^2 \sum p_T / d\eta d\phi \rangle [\text{GeV}]$

- ATLAS
- - □ Herwig 7.0.0 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 2.2.9 default

10

1

 10^{-1}

(ATLAS_2010_I879407)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 p_T (leading track) [GeV]