

Gap fraction vs  $p_T$  (LJ) ( $4 < \Delta y < 5$ )

Gap fraction

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.0.2 default

2.5

2.0

1.5

1.0

0.5

0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

100

200

300

 $\overline{P_T}$  [GeV]