

Gap fraction

Gap fraction vs Veto scale (LJ) ( $120 < p_T < 150$ ,  $4 < \Delta y < 5$ )

- ATLAS
- Herwig++ (Def)
- Herwig++ (UE-EE-4)
- △ Herwig++ (UE-EE-4-CTEQ6L1)

1.2

1.0

0.8

0.6

0.4

0.2

0.0

0.2

0.4

0.6

0.8

1.0

1.2

Rivet 2.6.1,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

ATLAS\_2011\_S9126244

Herwig++ 2.6.1a

Ratio to ATLAS

2

1.5

1

0.5

2

1.5

1

0.5

50

100

 $Q_0$  [GeV]