

Gap fraction

Gap fraction vs Veto scale (LJ) ( $70 < p_T < 90$ ,  $4 < \Delta y < 5$ )

1.2

1.0

0.8

0.6

0.4

0.2

0.0

20

40

60

80

 $Q_0$  [GeV]

ATLAS

Herwig 7 (SoftTune)

Pythia 6 (370:P2012)

Pythia 8 (Def)

ATLAS\_2011\_S9126244

Herwig 7.1.1, Pythia 6.428, Pythia 8.301

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

2

1

0.5

Ratio to ATLAS

2

1

0.5

20

40

60

80