

Gap fraction

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

- ATLAS
- Herwig++ (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

1.2

1.0

0.8

0.6

0.4

0.2

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

ATLAS\_2011\_S9126244

Herwig++ 2.7.1, Pythia 6.428, Pythia 8.212, Sherpa 2.2.0

Ratio to ATLAS

2

1.5

1

0.5

0.0

0.0

0.0

0.0

Rivet 2.4.0,  $\geq 100k$  events

mcplots.cern.ch

×2

+50%

+20%

+10%

-10%

-20%

-50%

 $Q_0$  [GeV]