

Gap fraction

Gap fraction vs Veto scale (LJ) ($210 < p_T < 240$, $4 < \Delta y < 5$)

- ATLAS
- Herwig++ (Def)
- ▼ Herwig 7 (SoftTune)
- + Phojet (Def)
- △ Pythia 6 (370:P2012)
- ▲ Pythia 8 (Def)

1.2

1.0

0.8

0.6

0.4

0.2

0.2

0.2

0.2

0.2

0.2

0.2

0.2

0.2

0.2

0.2

ATLAS_2011_S9126244

Herwig++ 2.7.1, Herwig 7.1.4, Phojet 1.12a, Pythia 6.428, Pythia 8.235

Ratio to ATLAS

2

1

1

1

1

1

1

Rivet 2.6.1, $\geq 100k$ events

mcplots.cern.ch (arXiv:1306.3436)

2

1

1

1

1

1

1

0

50

100

150

200

 Q_0 [GeV]