

7000 GeV pp

Jets

Gap fraction

Gap fraction vs Δy (LJ) ($90 < p_T < 120$)1.4
1.2
1.0
0.8
0.6
0.4
0.2

■ ATLAS
 ○ Herwig++ (Def)
 □ Herwig 7 (Def)
 ■ Pythia 6 (Def)
 ▲ Pythia 8 (Def)
 ◆ Sherpa (Def)

ATLAS_2011_S9126244

Herwig 7.1, Herwig 7.2.0, Pythia 6.428, Pythia 8.301, Sherpa 2.2.8

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2
1
0.52
1
0.50 2 4 6 $|\Delta y|$ 