

7000 GeV pp

Jets

Gap fraction

Gap fraction vs Δy (FB) ($120 < p_T < 150$)1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

■ ATLAS
 - - □ Herwig 7 (Def)
 - - ▲ Pythia 8 (Def)
 - - ◆ Sherpa (Def)

ATLAS_2011_S9126244

Herwig 7.0.3, 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
0.50 2 4 6
 $|\Delta y|$ 2
1
0.5