

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $210 < p_T < 240$  ( $Q_0 = \overline{p_T}$ ))

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

1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0Rivet 2.4.0,  $\geq 100k$  events

mcplots.cern.ch

ATLAS\_2011\_S9126244

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

Ratio to ATLAS

2  
1  
0.5 $\times 2$ 

+50%

+20%

+10%

-10%

-50%

0 2 4 6  $|\Delta y|$ 