

Gap fraction

Gap fraction vs Δy (LJ) ($240 < p_T < 270$)

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.150 default
- - ◆ Sherpa 2.2.0 default

2

1.5

1

0.5

0

ATLAS_2011_S9126244

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

$|\Delta y|$

$ \Delta y $	ATLAS	Herwig 7.2.0 default	Pythia 8.150 default	Sherpa 2.2.0 default
0.3	0.95	0.95	0.95	0.95
0.7	0.80	0.80	0.80	0.75
1.3	0.68	0.68	0.68	0.60
1.7	0.55	0.55	0.55	0.48
2.2	0.48	0.48	0.48	0.42
2.7	0.40	0.40	0.40	0.32
3.2	0.38	0.38	0.40	0.32
3.7	0.32	0.32	0.32	0.22
4.2	0.35	0.20	0.35	0.35
4.7	0.38	-	-	0.50