

Gap fraction

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

- ATLAS
- Herwig 7.2.0 default
- ▲--- Pythia 8.165 default
- ◆--- Sherpa 1.2.3 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	Pythia 8.165	Sherpa 1.2.3
0.3	0.95	0.95	0.95	0.95
0.8	0.80	0.80	0.80	0.80
1.3	0.65	0.65	0.65	0.65
1.8	0.55	0.55	0.55	0.55
2.3	0.45	0.45	0.45	0.45
2.8	0.38	0.38	0.38	0.38
3.3	0.35	0.35	0.40	0.35
3.8	0.32	0.32	0.35	0.32
4.3	0.35	0.20	0.25	0.15
4.8	0.38	-	0.20	0.15