

Gap fraction

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

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ◆ Sherpa 2.2.9 default

2

1.5

1

0.5

0

ATLAS_2011_S9126244

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

0.5

0

2

4

6

$|\Delta y|$

$ \Delta y $	ATLAS	Herwig 7.2.1 default	Pythia 8.308 default	Sherpa 2.2.9 default
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	0.50	0.45	0.40
2.8	0.40	0.45	0.40	0.38
3.3	0.35	0.30	0.40	0.35
3.8	0.30	0.30	0.30	0.30
4.3	0.35	0.20	0.35	0.40
4.8	0.35	-	0.50	0.50