

Gap fraction

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

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.226 default
- ◆ Sherpa 2.2.6 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 (Gap fraction)	Herwig 7.2.0 (Gap fraction)	Pythia 8.226 (Gap fraction)	Sherpa 2.2.6 (Gap fraction)
0.2	0.95	0.95	0.95	0.95
0.8	0.78	0.80	0.75	0.75
1.4	0.65	0.68	0.60	0.58
1.8	0.55	0.55	0.52	0.48
2.2	0.45	0.45	0.42	0.40
2.6	0.38	0.38	0.35	0.38
3.0	0.35	0.35	0.32	0.35
3.4	0.35	0.32	0.35	0.30
3.8	0.32	0.30	0.35	0.50
4.2	0.32	0.20	0.28	0.20
4.6	0.35	-	0.35	0.75