

Gap fraction

Gap fraction vs Δy (FB) ($210 < p_T < 240$ ($Q_0 = \bar{p}_T$))

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.183 default
- ◆ Sherpa 2.2.8 default

2

1.5

1

0.5

0

ATLAS_2011_S9126244

Rivet 3.1.0, ≥ 100 k 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 7.2.0	Pythia 8.183	Sherpa 2.2.8
0.2	1.0	1.0	1.0	1.0
0.6	0.95	1.0	0.95	0.95
1.0	0.95	0.95	0.95	0.95
1.4	0.95	0.95	0.95	0.95
1.8	0.95	0.95	0.95	0.95
2.2	0.9	0.85	0.95	0.9
2.6	0.85	0.85	0.85	0.85
3.0	0.85	0.85	0.95	0.85
3.4	0.8	0.75	0.95	0.75
3.8	0.8	0.65	0.75	0.6
4.2	0.7	0.7	0.85	0.6
4.6	0.45	0.45	-	-
5.0	0.35	-	-	-
5.4	0.0	-	-	-