

Gap fraction

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 2.1.0 default

2

1.5

1

0.5

0

Rivet 3.1.0,  $\geq 100$ k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 2 4 6

$|\Delta y|$

0

2

4

6

$ \Delta y $	ATLAS	Herwig 7.2.0	Pythia 8.212	Sherpa 2.1.0
0.5	1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0	1.0
1.5	0.95	0.95	0.95	0.95
2.0	0.9	0.9	0.9	0.85
2.5	0.9	0.85	0.85	0.95
3.0	0.85	0.8	0.9	0.9
3.5	0.8	0.65	0.85	0.85
4.0	0.7	0.65	0.7	0.45
4.5	0.45	0.4	0.55	0.55
5.0	0.35	-	-	-
5.5	0.0	-	-	-