

900 GeV ppbar

Soft QCD

b

- UA5
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.301 default

1.2

1

0.8

0.6

0.4

0.2

UA5\_1988\_S1867512

Rivet 3.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

a

2

1

0.5

2

1

0.5

Ratio to UA5

0

2

4

6

Central gap size  $\Delta \eta$

Central gap size $\Delta \eta$	UA5 (Ratio to UA5)	Herwig 7.2.0 default (Ratio to UA5)	Pythia 8.301 default (Ratio to UA5)
0	~0.63	~0.57	~0.62
1	~0.55	~0.48	~0.58
2	~0.49	~0.43	~0.54
3	~0.43	~0.38	~0.49
4	~0.39	~0.32	~0.44
5	~0.27	~0.27	~0.39
6	~0.15	~0.22	~0.31