

900 GeV ppbar

Soft QCD

b

- UA5
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 1.2.2p 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

Ratio to UA5

1

0.5

2

1

0.5

0

2

4

6

Central gap size  $\Delta \eta$

Central gap size $\Delta \eta$	UA5 (Ratio to UA5)	Herwig 7.2.0 (Ratio to UA5)	Pythia 8.170 (Ratio to UA5)	Sherpa 1.2.2p (Ratio to UA5)
0	1.0	0.95	1.0	0.98
1	1.0	0.9	1.05	0.95
2	1.0	0.9	1.1	1.05
3	1.0	0.9	1.15	1.15
4	1.0	0.85	1.15	1.15
5	1.0	1.0	1.4	1.4
6	1.0	1.6	1.9	1.9