

546 GeV ppbar

Soft QCD

b

- UA5
- Herwig 7.1.4 default
- ▲— Pythia 8.301 default
- ◆···· Sherpa 1.4.0 default

1.2

1

0.8

0.6

0.4

0.2

Rivet 3.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

UA5_1988_S1867512

a

Ratio to UA5

2

1

0.5

2

0.5

0

2

4

6

Central gap size $\Delta \eta$

Central gap size $\Delta \eta$	UA5 (Ratio to UA5)	Herwig 7.1.4 (Ratio to UA5)	Pythia 8.301 (Ratio to UA5)	Sherpa 1.4.0 (Ratio to UA5)
0	1.0	1.0	1.0	1.15
1	1.0	1.05	1.15	1.25
2	1.0	1.1	1.3	1.3
3	1.0	1.05	1.4	1.3
4	1.0	0.95	1.45	1.2
5	1.0	0.9	1.6	1.15
6	1.0	0.85	1.55	0.9