

546 GeV ppbar

Soft QCD

b

- UA5
- ▼ Herwig 7.2.0 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.201 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

0.5

0

2

4

6

Central gap size $\Delta\eta$

2

0.5

Central gap size $\Delta\eta$	UA5 (Ratio to UA5)	Herwig 7.2.0 softTune (Ratio to UA5)	Pythia 6.428 370 (Ratio to UA5)	Pythia 8.201 default (Ratio to UA5)
0	0.59	0.59	0.63	0.59
1	0.49	0.50	0.56	0.54
2	0.41	0.45	0.49	0.49
3	0.36	0.40	0.44	0.45
4	0.30	0.36	0.38	0.40
5	0.22	0.30	0.29	0.32
6	0.16	0.23	0.20	0.23