

546 GeV ppbar

Soft QCD

b

■ UA5
 - - □ Herwig 7.2.0 default
 ···· ◆ Sherpa 1.3.1 default

Center of separating gap $\Delta\eta$	UA5	Herwig 7.2.0 default	Sherpa 1.3.1 default
0	0.41	0.39	0.46
0.5	0.40	0.39	0.48
1.0	0.39	0.39	0.47
1.5	0.35	0.40	0.44
2.0	0.27	0.41	0.37

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

UA5_1988_S1867512

Center of separating gap $\Delta\eta$	UA5	Herwig 7.2.0 default	Sherpa 1.3.1 default
0	1.0	0.95	1.18
0.5	1.0	0.98	1.26
1.0	1.0	1.02	1.29
1.5	1.0	1.18	1.34
2.0	1.0	1.60	1.45

Ratio to UA5

Center of separating gap $\Delta\eta$

2

0.5