

200 GeV ppbar

Soft QCD

Forward-backward correlation b vs. gap size $\sqrt{s}=200$ GeV

b

1

 10^{-1} 10^{-2}

2

1

0.5

- UA5
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 vincia-default
- ◆ Sherpa 1.4.5 default

(UA5_1988_I263399)

Ratio to UA5

Central gap size $\delta\eta$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5