

900 GeV ppbar

Soft QCD

Forward-backward correlation b vs. gap size $\sqrt{s}=900$ GeV b Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

1

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

- UA5
- +— Epos 1.99.crnc.1.6.0 lhc
- - □ Herwig 7.2.1 default
- △ - Pythia 6.428 370
- ▲ - Pythia 8.315 default
- ... ♦ ... Sherpa 2.2.9 default

(UA5_1988_I263399)

Ratio to UA5

2

1

0.5

2

1

0.5

Central gap size $\delta\eta$ 