

200 GeV ppbar

Soft QCD

b

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

- UA5
- ⊕ Epos 1.99.crmc.1.3 lhc
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

1.2

1

0.8

0.6

0.4

0.2

0

2

1

0.5

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

Ratio to UA5

Central gap size  $\delta\eta$ 