

200 GeV ppbar

Soft QCD

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

- UA5
- ▲— Pythia 8.230 default
- Pythia 8.230 tune-A14-CTEQL1
- - - Pythia 8.230 tune-A14-MSTW2008LO
- ⋯ Pythia 8.230 tune-A14-NNPDF2.3LO
- -△ Pythia 8.230 tune-CUETP8S1

(UA5_1988_I263399)

Ratio to UA5

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5