

b

Forward-backward correlation b vs. gap size $\sqrt{s}=546$ GeV

- UA5
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- * Pythia 6.428 d6t
- Pythia 6.428 default
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

(UA5_1988_I263399)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

a

2

1

0.5

Ratio to UA5

2

1

0.5

0

2

4

6

Central gap size $\delta\eta$ 