

1800 GeV ppbar

Underlying Event

 N_{ch} N_{ch} (away) for JET20

50

40

30

20

10

0

- CDF
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- · -◇ Pythia 8.315 tune-AU2lox
- · -□ Pythia 8.315 tune-AU2lox
- · -★ Pythia 8.315 tune-AU2m

(CDF_2001_I564673)

Rivet 4.1.0, ≥ 2.9M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CDF

2

1

0.5

2

1

0.5

 $p_{\text{T}}^{\text{lead}} / \text{GeV}$ 