

200 GeV pp

Underlying Event

Away region charged particle density

 $\langle N_{\text{ch}} \rangle / \{\text{jet area}\}$ 

- STAR
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(STAR\_2009\_UE\_HELEN)

Ratio to STAR

