

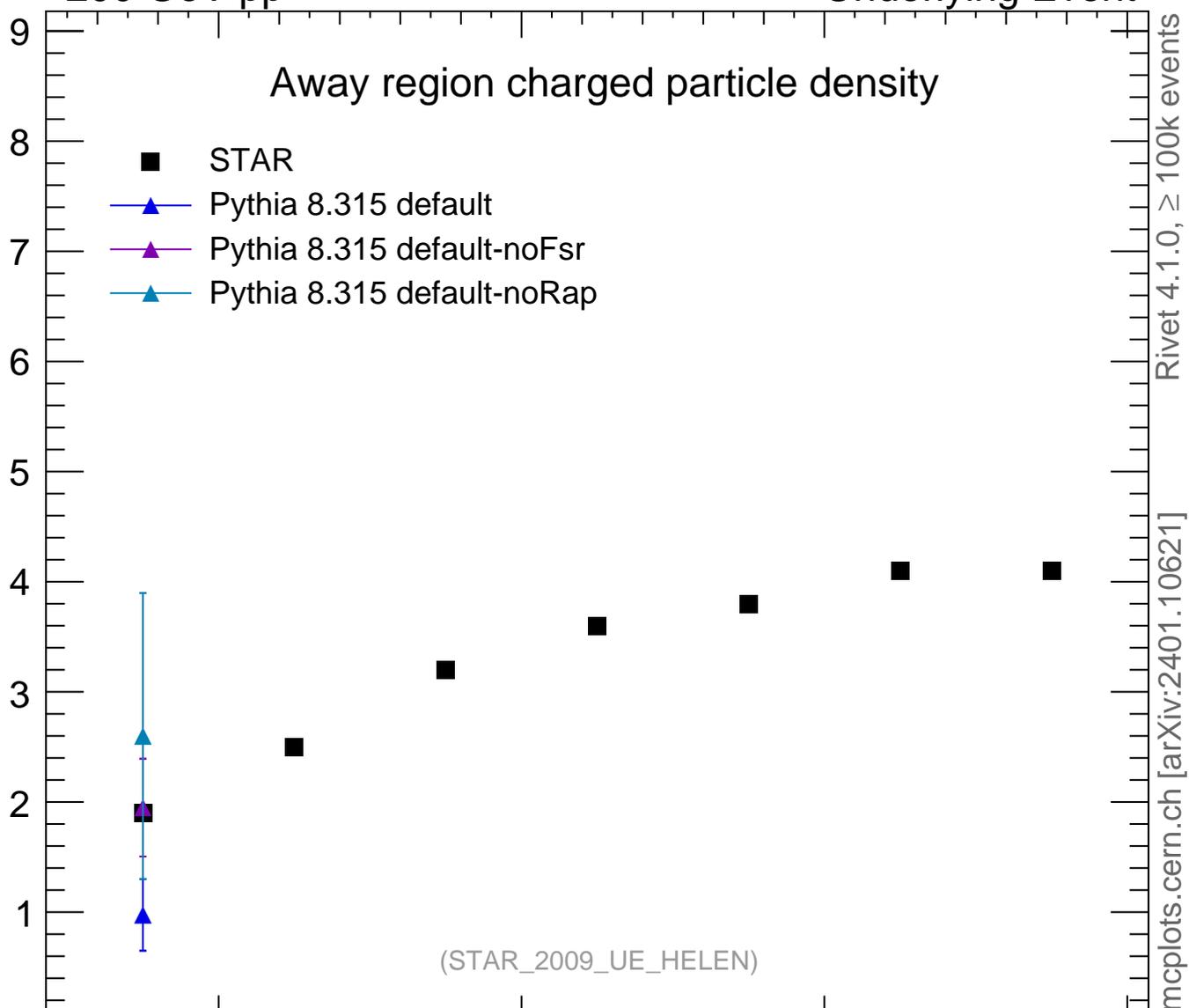
200 GeV pp

Underlying Event

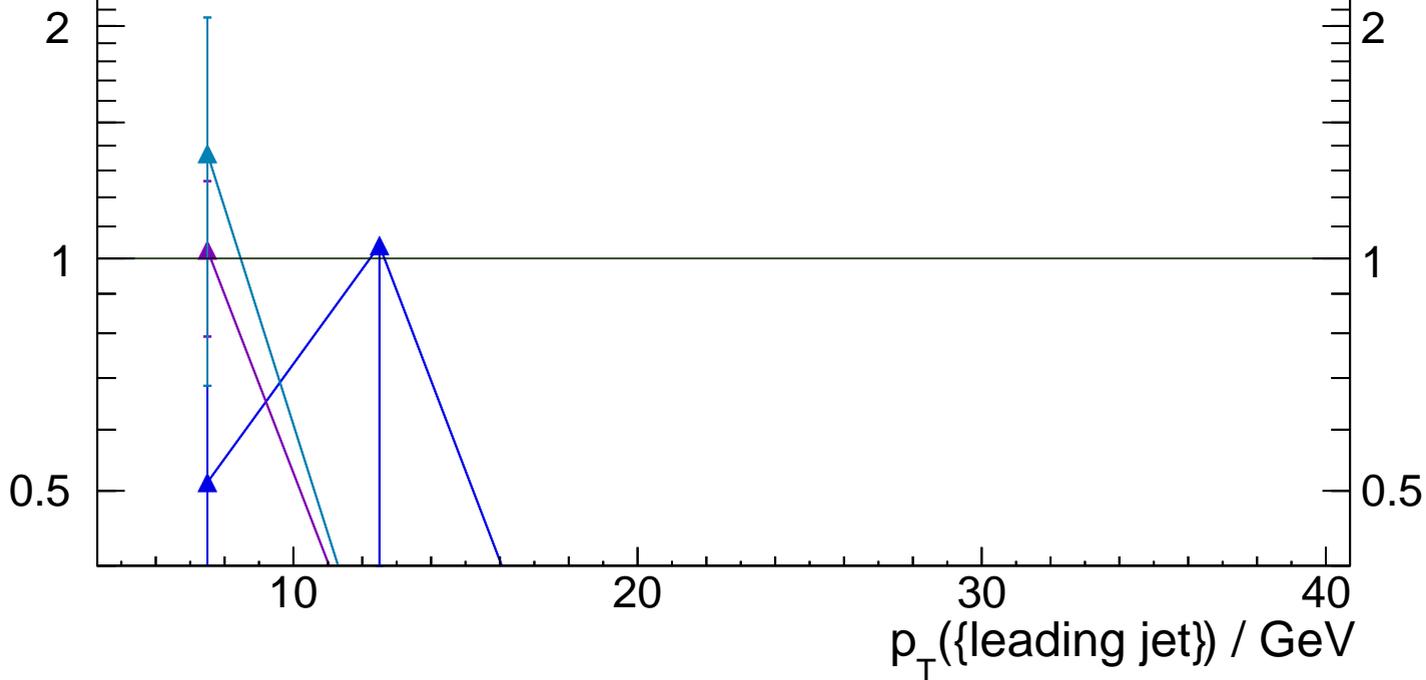
Away region charged particle density

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

- STAR
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap



Ratio to STAR

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(STAR_2009_UE_HELEN)

 $p_T(\{\text{leading jet}\}) / \text{GeV}$