7000 GeV pp — Soft QCD

Charged particle |η| at 7 TeV, track $p_T > 40$ MeV, for $N_{ch} \geq 1$

dN/dη

- ■ TOTEM
- Pythia 8.315 default
- Pythia 8.315 default-CD
- Pythia 8.315 default-DL
- Pythia 8.315 default-MBR

(TOTEM_2012_I1115294)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to TOTEM

|η|