

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 0, p_{\text{T}} > 0.04 \text{ GeV}$)

- TOTEM
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

 $dN/d\eta$ Rivet 3.1.10, $\geq 1.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1115294

Ratio to TOTEM

2

1

0.5

 $|\eta|$ 