

7000 GeV pp

Soft QCD

 $dN/d\eta$ Charged Particle η Distribution ($N_{ch} > 0, p_T > 0.04$ GeV)

- TOTEM
- ▲ Pythia 8.180 default
- ◻ Pythia 8.180 tune-4cx

Rivet 3.1.0, ≥ 7.4 M events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1115294

Ratio to TOTEM

0.5

1

2

0.5

1

2

5.5

6

 $|\eta|$ 