

7000 GeV pp

Soft QCD

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

- TOTEM
- Pythia 6.425 359
- ▲— Pythia 6.425 a
- ▼— Pythia 6.425 dw
- Pythia 6.425 p0
- ★— Pythia 6.425 pro-q2o

 $dN/d\eta$ Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1115294

Ratio to TOTEM

2

1

0.5

 $|\eta|$ 