

7000 GeV pp

Soft QCD

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

- TOTEM
- ▲ Pythia 6.424 a
- ▼ Pythia 6.424 dw
- Pythia 6.424 p0
- ☆ Pythia 6.424 pro-q2o

8

7

6

5

4

3

2

1

0

0

2

1

0

0

2

1

0.5

1

0.5

TOTEM_2012_I1115294

Ratio to TOTEM

0.5

5.5

6

 $|\eta|$ Rivet 3.1.0, ≥ 7.3 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5