

7000 GeV pp

Soft QCD

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

- TOTEM
- Pythia 6.423 p0
- Pythia 6.423 p2010

8
7
6
5
4
3
2
1
0
2
1
0.5Rivet 3.1.0, ≥ 7.5 M events
mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1115294

Ratio to TOTEM

2
1
0.5

5.5

6

 $|\eta|$ 