

7000 GeV pp

Soft QCD

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

- TOTEM
—△— Pythia 6.424 ambt1

 $dN/d\eta$ 8
7
6
5
4
3
2
1
0

Rivet 3.1.10, 100k events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1115294

Ratio to TOTEM

2
1
0.52
1
0.5 $|\eta|$

5.5

6