

7000 GeV pp

Soft QCD

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

- TOTEM
- \*--- Pythia 6.424 d6t
- Pythia 6.424 default
- ▼--- Pythia 6.424 dw
- Pythia 6.424 p0

8  
7  
6  
5  
4  
3  
2  
1  
0Rivet 3.1.0,  $\geq 6.9$ M events  
mcplots.cern.ch [arXiv:1306.3436]

TOTEM\_2012\_I1115294

Ratio to TOTEM

