

Charged Particles Distribution ( $N_{ch} > 0, p_T > 0.04$  GeV) $dN/d\eta$ 8  
7  
6  
5  
4  
3  
2  
1  
0

0

0

2

1  
0.5

0

- TOTEM
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

TOTEM\_2012\_I1115294

Rivet 3.1.10, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\eta$ 

5.5

6