

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

8

7

6

5

4

3

2

1

0

2

1

0

2

1

0.5

Ratio to TOTEM

1

0.5

■ TOTEM

—△ Pythia 6.428 370

⋯△ Pythia 6.428 373

- -○ Pythia 6.428 374

⋯○ Pythia 6.428 375

- -△ Pythia 6.428 381

- -▽ Pythia 6.428 382

TOTEM_2012_I1115294

Rivet 3.1.10, $\geq 3M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 η