

7000 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{\text{ch}} > 0$ ,  $|\eta| < 1.0$ , all  $p_T$ )

- ALICE
- Pythia 6.428 350
- -▲- - Pythia 6.428 351
- -▼- - Pythia 6.428 352
- -△- - Pythia 6.428 353
- -○- - Pythia 6.428 354
- -☆- - Pythia 6.428 355
- -□- - Pythia 6.428 356
- -●- - Pythia 6.428 357
- -●- - Pythia 6.428 358
- -■- - Pythia 6.428 359

Rivet 3.1.10,  $\geq 2.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8625980

Ratio to ALICE

2

1

0.5

 $\eta$  $dN/d\eta$ 

-1

-0.5

0

0.5

1