

2360 GeV pp

Soft QCD

Charged multiplicity ( $|\eta| < 1.0$ )Rivet 3.1.10,  $\geq 2.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

 $dN/dN_{ch}$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

- ALICE
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

ALICE\_2010\_S8624100

Ratio to ALICE

2

1

0.5

2

1

0.5

 $N_{ch}$ 

0

20

40