

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$

- Pythia 6.428 350
- Pythia 6.428 370
- Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

 $1/N_{\text{ev}}, dE/d\eta [\text{GeV}]$ 10^3 10^2

10

2

1

0.5

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

(MC_GAPS)

Ratio to Pythia 6.428 350

 η

-5

0

5