

7000 GeV pp

Soft QCD

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

- Pythia 6.427 355
- Pythia 6.427 356
- Pythia 6.427 370
- Pythia 6.427 379
- Pythia 6.427 ambt1
- Pythia 6.427 z2

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_GAPS)

 $1/N_{\text{ev}}, dE_T/d\eta \text{ [GeV]}$

Ratio to Pythia 6.427 355

10

8

6

4

2

0

2

1

0.5

2

1

0.5

 η

-5

0

5