

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$  $1/N_{\text{ev}}, dN/d\eta$ 16  
14  
12  
10  
8  
6  
4  
2  
0

- Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- Pythia 8.301 default

Rivet 3.1.10,  $\geq 400$ k events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_GAPS)

Ratio to Pythia 6.428 370

0.5

2

2

16

0.5

2

16

-5

0

5

 $\eta$