

7000 GeV pp

Soft QCD

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

Pythia 6.425 default
Pythia 8.308 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_GAPS)

Ratio to Pythia 6.425 default

2

1

0.5

 η $1/N_{\text{ev}}, dN/d\eta$ 16
14
12
10
8
6
4
2
0
2
1
0.5

-5

0

5