

7000 GeV pp

Soft QCD

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

- Pythia 8.186 default
- Pythia 8.186 default-noFsr
- Pythia 8.186 default-noRap

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_GAPS)

Ratio to Pythia 8.186 default

18
16
14
12
10
8
6
4
2
02
1
0.5

-5

0

5