

7000 GeV pp

Soft QCD

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

- Pythia 8.180 default
- Pythia 8.180 default-CD
- Pythia 8.180 default-MBR

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

 $d\sigma/d\Delta\eta^F [\text{mb}]$ 10^3 10^2 10^1 10^0

(MC_GAPS)

Ratio to Pythia 8.180 default

 2 1 0.5 2 1 0.5 0 5 10 $\Delta\eta^F$ $\Delta\eta^F$