

7000 GeV pp

Soft QCD

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

- Pythia 6.424 default
- Pythia 6.424 pro-q2o

 $1/N_{ev}, dE_T/d\eta [\text{GeV}]$ Rivet 3.1.0, $\geq 6.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 6.424 default

0.5

1

2

0.5

2

-5

0

5

 η 