

7000 GeV pp

Soft QCD

Cross section($M_x < 200 \text{ GeV}^2$)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Pythia 6.426 default
Pythia 6.426 pro-q20

(ALICE_2012_I1181770)

Ratio to Pythia 6.426 default

2

1

0.5

1000

1500

2000

2500

1

0.8

0.6

0.4

0.2

0

2

1

0.5