

900 GeV pp

Soft QCD

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

- Pythia 6.426 default
- Pythia 6.426 pro-q2o

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE_2012_I1181770)

Ratio to Pythia 6.426 default

0.5

1

2

0.1

0.15

0.2

0.25

0.3

0.35

0.5

1

2

1000

1500

2000

2500