

900 GeV pp

Soft QCD

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

- Pythia 6.423 p0
- Pythia 6.423 p2010

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0.02

0.01

(ALICE_2012_I1181770)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to Pythia 6.423 p0

2

1

0.5

2

1

0.5

1000

1500

2000

2500