

900 GeV pp

Soft QCD

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

- Pythia 6.428 345
- Pythia 6.428 346
- Pythia 6.428 370
- Pythia 6.428 default
- Pythia 8.244 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2012_I1181770)

Ratio to Pythia 6.428 345

0.35
0.3
0.25
0.2
0.15
0.1
2
1
0.5

0.35
0.3
0.25
0.2
0.15
0.1
2
1
0.5

1000

1500

2000

2500