

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 8.201 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