

7000 GeV pp

Soft QCD

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

1  
0.8  
0.6  
0.4  
0.2  
0  
1  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>

- Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- Pythia 6.428 pro-q2o

(ALICE\_2012\_I1181770)

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:2401.10621]

