

7000 GeV pp

Soft QCD

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

1  
0.8  
0.6  
0.4  
0.2  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$

- Epos 1.99.crmc.1.2 lhc
- Herwig 7.2.1 default
- Pythia 6.428 370
- Pythia 8.315 default
- Sherpa 2.2.9 default

(ALICE\_2012\_I1181770)

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]

0 0.5 1

Ratio to Epos 1.99.crmc.1.2 lhc