

7000 GeV pp

Soft QCD

Cross section( $M_x < 200 \text{ GeV}^2$ )Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

- Epos 1.99.crmc.1.6.0 lhcb
- Herwig 7.2.1 default
- Pythia 6.428 370
- Pythia 8.315 default
- Sherpa 2.2.9 default

(ALICE\_2012\_I1181770)

Ratio to Epos 1.99.crmc.1.6.0 lhcb

1

 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

0

0.5

1