

900:2760:7000 GeV pp

Soft QCD

Single diffraction cross-section for  $M_X < 200\text{GeV}^2$ 

■ ALICE  
— Pythia 8.315 rescatter

 $\sigma_{SD}$  [mb]24  
22  
20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
1  
0.5

Ratio to ALICE

(ALICE\_2012\_I1181770)

 $\sqrt{s}$  [GeV]

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5