

2760 GeV pp

Soft QCD

Cross section( $\Delta\eta > 3$ )Rivet 4.1.0,  $\geq 2$  M events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE\_2012\_I1181770)

- Pythia 6.428 370
- Pythia 6.428 373
- Pythia 6.428 374
- Pythia 6.428 375
- Pythia 6.428 381
- Pythia 6.428 382

Ratio to Pythia 6.428 370

2

1

0.5

1000

1500

2000

2500

0.28  
0.26  
0.24  
0.22  
0.2  
0.18  
0.16  
0.14  
0.12  
0.1  
0.08

2

1

0.5