

7000 GeV pp

Soft QCD

Cross section ( $\Delta\eta > 3$ )

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

- Pythia 6.428 345
- Pythia 6.428 346
- Pythia 6.428 370
- Pythia 6.428 default
- Pythia 8.315 default

(ALICE\_2012\_I1181770)

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

0 0.5 1

Ratio to Pythia 6.428 345