

900 GeV pp

Soft QCD

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

- Pythia 6.428 370
- Pythia 6.428 default
- Pythia 8.301 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE\_2012\_I1181770)

Ratio to Pythia 6.428 370

0.35  
0.3  
0.25  
0.2  
0.15  
0.1  
2  
1  
0.50.35  
0.3  
0.25  
0.2  
0.15  
0.1  
2  
1  
0.5

1000

1500

2000

2500