

7000 GeV pp

Soft QCD

( $p_T > 0.2$  GeV)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

10<sup>3</sup>  
10<sup>2</sup>  
10  
1  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>  
2  
1  
0.5

- Pythia 6.428 345
- Pythia 6.428 346
- Pythia 6.428 370
- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(MC\_GAPS)

0 5 10 15 20

Ratio to Pythia 6.428 345

2  
1  
0.5

