

7000 GeV pp

Soft QCD

 $\sum E_T$ for the minimum bias selection, $4.0 < \eta < 4.8$

1

 10^{-1} 10^{-2} 10^{-3} 

ATLAS



Pythia 8.240 default



Pythia 8.240 default-CD



Pythia 8.240 default-DL



Pythia 8.240 default-MBR

(ATLAS_2012_I1183818)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

10

20

30

40