

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 8.210 default



Pythia 8.210 default-CD



Pythia 8.210 default-DL



Pythia 8.210 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