

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} 10^{-4} 

ATLAS



Pythia 6.428 345



Pythia 6.428 346



Pythia 6.428 370



Pythia 6.428 ambt1



Pythia 6.428 z1



Pythia 6.428 z2

(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