

7000 GeV pp

Soft QCD

 $\sum E_T$ for the minimum bias selection, $2.4 < \eta < 3.2$

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4}

- ATLAS
- Pythia 6.427 345
- Pythia 6.427 346
- △- Pythia 6.427 370
- △- Pythia 6.427 ambt1
- Pythia 6.427 z1
- Pythia 6.427 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

20

40

60