

7000 GeV pp

Soft QCD

Momentum fraction Z(track jets)

 $(1/N_{\text{jet}})dN/dz$ 
 $10^3$   
 $10^2$   
 $10^1$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

- ATLAS
- Pythia 6.428 350
- △ Pythia 6.428 351
- ▽ Pythia 6.428 352
- △ Pythia 6.428 353
- Pythia 6.428 354
- ★ Pythia 6.428 355
- Pythia 6.428 356
- Pythia 6.428 357
- Pythia 6.428 358
- Pythia 6.428 359

Rivet 3.1.10,  $\geq 2.9M$  events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_I919017

Ratio to ATLAS

 $2$   
 $1$   
 $0.5$ 

0 0.5 1

Charged Particle z