

7000 GeV pp

Soft QCD

Momentum fraction Z(track jets)

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

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇- Pythia 6.428 392
- ★- Pythia 6.428 396
- ×- Pythia 6.428 397
- ▼- Pythia 6.428 398

ATLAS\_2011\_I919017

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10,  $\geq 2.4M$  events

Ratio to ATLAS

 $2$   
 $1$   
 $0.5$ 
 $2$   
 $1$   
 $0.5$ 

0

0.5

1

Charged Particle z