

7000 GeV pp

Soft QCD

 $p_T(\pi^0) \ (8.9 < |y| < 9.0, \ p_T < 0.6 \text{ GeV})$  $1/\sigma_{\text{inel}} E \, d^3\sigma/dp^3 \ [\text{GeV}^{-2}]$  $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

LHCF

(LHCF\_2012\_I1115479)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCF

2  
1  
0.52  
1  
0.5

0.2

0.4

0.6

 $p_T \ [\text{GeV}]$ 