

7000 GeV pp

Soft QCD

 $p_T(\phi) \ (2.44 < y < 4.06)$  $d\sigma/dp_T \ [\mu\text{b/MeV}]$ 10  
1  
 $10^{-1}$   
 $10^{-2}$ ■ LHCB  
◆ Sherpa 2.2.9 default

LHCB\_2011\_I919315

Rivet 3.1.10, 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCB

2  
1  
0.52  
1  
0.5 $p_T^{\text{phi}} \ [\text{MeV}]$ 