

Charged Particle  $p_T$  Spectrum (NSD,  $|\eta| = 2.2 - 2.4$ )

10  
1  
 $10^{-1}$

- CMS
- - ■ Pythia 6 (Def)
- - ▲ Pythia 8 (Def)

CMS\_2010\_S8547297  
Pythia 6.428, Pythia 8.301

Rivet 3.1.0,  $\geq 2.5M$  events  
mcplots.cern.ch (arXiv:1306.3436)

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

0 0.5 1 1.5 2

