

7000 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{ch} > 0, p_T > 0.04 \text{ GeV}$ )

■ TOTEM

—□— Pythia 6.428 391

—+— Pythia 6.428 393

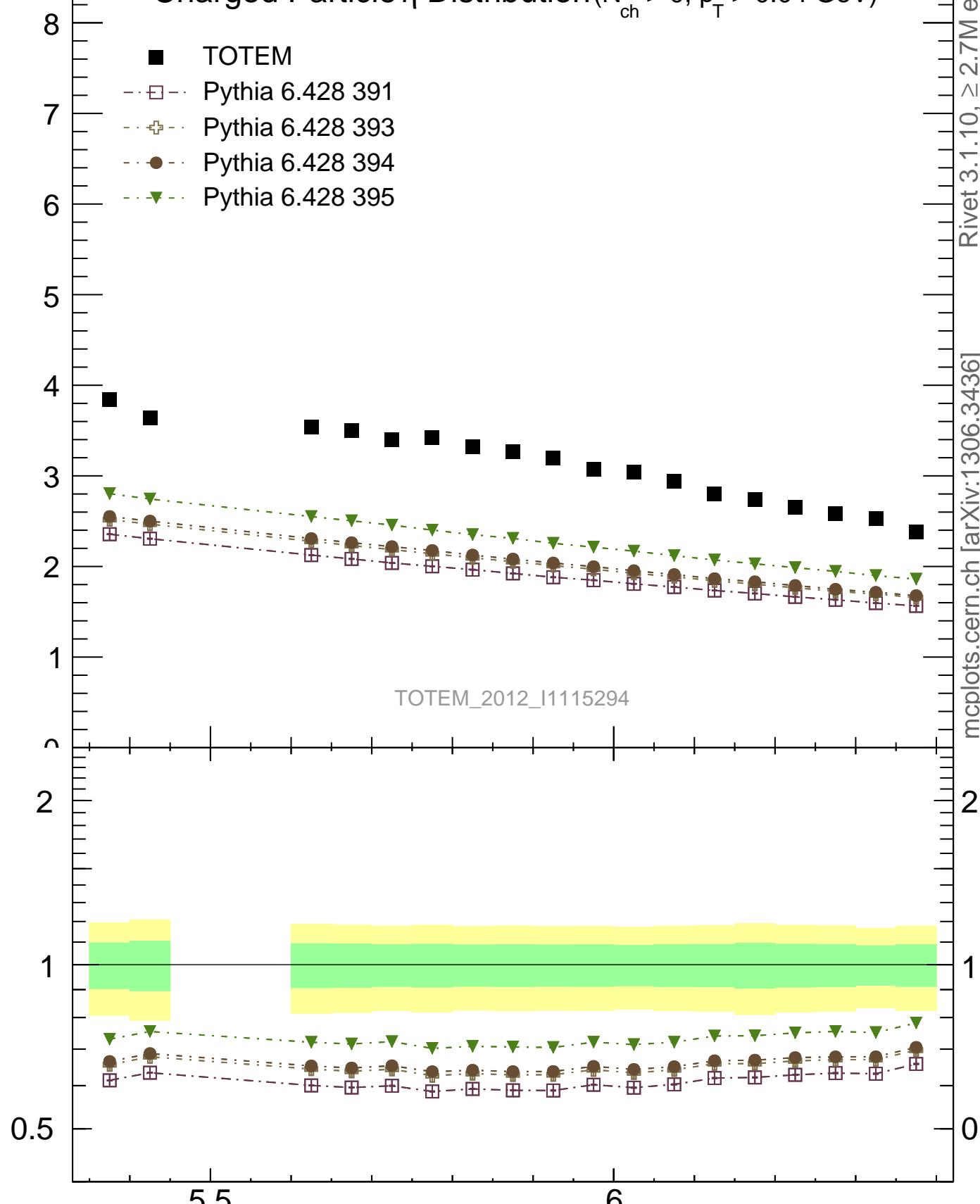
—●— Pythia 6.428 394

—▼— Pythia 6.428 395

Rivet 3.1.10,  $\geq 2.7M$  events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM\_2012\_I1115294

 $dN/d\eta$  $\overline{\eta}$