

CMS Simulation

(7 TeV)

Parton shower correction factor

$1.0 \leq |y| < 1.5$

anti- $k_T$  R = 0.7

— fit  $\mu_{PS}^2$

— fit  $1.5 \cdot \mu_{PS}^2$

⋯ fit  $0.5 \cdot \mu_{PS}^2$

1.3  
1.2  
1.1  
1.0  
0.9  
0.8  
0.7

$2 \times 10^2$   $3 \times 10^2$

$10^3$   
Jet  $p_T$  (GeV)

