



# FORWARD DIJET K-FACTOR @CMS



**CMS forward dijet “K-factor” analysis**

**CMS Preliminary: CMS FWD-PAS-10-014 (August 2011)  
paper in preparation**

**Dijet “K-factor”: inclusive to “exclusive” dijet x-section ratio  
vs rapidity interval between jets**

**Selection: two and more jets above  $p_{Tmin} = 35$  GeV,  $|y| < 4.7$  @7 TeV**

**inclusive: all pairs (e.g., 3 jets  $\rightarrow$  3 dijets, 4 jets  $\rightarrow$  6 dijets, etc.)**

**“exclusive”: only two jets above  $p_{Tmin}$**



# FORWARD DIJET K-FACTOR



**Dijet “K-Factor” CMS PAS-FWD-10-014**  
**(paper in preparation includes a similar MN dijet ratio)**

