

$\sqrt{s_{NN}} = 5.02 \text{ TeV}$ PbPb  $404 \mu\text{b}^{-1}$ , pp  $25.8 \text{ pb}^{-1}$ **CMS***Preliminary*

- pp (smeared)
- pp (Hybrid Model)
- pp (JEWEL + PYTHIA)

 $\sigma(\Delta\phi_{J\gamma})$ 

$p_T^\gamma > 60 \text{ GeV}/c$   
anti- $k_T$  Jet  $R = 0.3$   
 $p_T^{\text{Jet}} > 30 \text{ GeV}/c$   
 $|\eta^{\text{Jet}}| < 1.6$

$p_T^\gamma > 80 \text{ GeV}/c$

 $N_{\text{coll}}\text{-weighted } \langle N_{\text{part}} \rangle$  $N_{\text{coll}}\text{-weighted } \langle N_{\text{part}} \rangle$ 