

$\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ PbPb 404 μb^{-1} pp 27.4 pb^{-1} $p_{\text{T}}^{\text{trk}} > 1 \text{ GeV/c}$, anti- k_{T} jet $R = 0.3$ $p_{\text{T}}^{\text{jet}} > 30 \text{ GeV/c}$, $|\eta^{\text{jet}}| < 1.6$ $p_{\text{T}}^{\gamma} > 60 \text{ GeV/c}$, $|\eta^{\gamma}| < 1.44$, $\Delta\phi_{j\gamma} > \frac{7\pi}{8}$ PbPb / pp **CMS****Cent. 10 - 30%***Supplementary*

■ Data

Cent. 0 - 10%

— CoLBT-hydro
— Hybrid
— w/o back reaction
— w/ back reaction

2

1

1

2

3

4

 ξ_{T}^{γ}

1

2

3

4

 ξ_{T}^{γ} 