

$\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ PbPb 10 nb^{-1} , pp 650 pb^{-1}

CMS Projection

● PbPb Cent. 0-10 %

○ pp (smeared)

■ Current Unc.

■ Current Unc.

▨ Projected Unc.

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 $p_{\text{T}}^{\text{trk}} > 1 \text{ GeV}/c$ anti- k_{T} jet $R = 0.3$ $p_{\text{T}}^{\text{jet}} > 30 \text{ GeV}/c$ $|\eta^{\text{jet}}| < 1.6$ $p_{\text{T}}^{\gamma} > 60 \text{ GeV}/c$ $|\eta^{\gamma}| < 1.44$ $\Delta\phi_{j\gamma} > \frac{7\pi}{8}$ $\frac{1}{N^{\text{jet}}} \frac{dN^{\text{trk}}}{d\xi^{\text{jet}}}$ 