

R_γ

ALICE Preliminary

20–40% Pb–Pb $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$

C. Gale et al. Phys. Rev. C 105 (2022) 014909

H. van Hees et al. Nucl. Phys. A 933, 256 (2015)

P. Dasgupta et al. Phys. Rev. C 98, 024911 (2018)

O. Linnyk et al. Phys. Rev. C 92, 054914 (2015)

 γ_{prompt} pQCD, W. Vogelsang et al. pp $\times T_{\text{AA}}$, CT14, GRV

$$R_\gamma^{\text{theory}} = (\gamma_{\text{dir}}^{\text{theory}} + \gamma_{\text{decay}}^{\text{ALICE}}) / \gamma_{\text{decay}}^{\text{ALICE}}$$

