We would like to thank the referee for the pertinent comments on our manuscript.

The referee says: “The authors seem to neglect the contribution of radiation energy density in the analysis, as described at the end of section II. However, on the other hand, the distance prior seems to be adopted in the CMB analysis. Since the radiation-matter equality is close to the last scattering surface, it is not clear whether one can neglect radiation in the calculations of the distance prior in CMB to obtain the constraints. Although this might not eventually affect the constraint, please provide some justification of this treatment.”

Actually, in the actual calculation, we do take the contribution of radiation into consideration to obtain the final constraint results. However, when we describe the Friedmann equations in the text, we neglect the radiation term as we only focus on the late-time evolution of the Universe. To avoid the ambiguity, we add the radiation term in the Friedmann equations in the revised manuscript following the referee’s comment (see the end of Sec. II).

We thank the referee for pointing out this ambiguous place. We wish that the revised version could make the referee satisfactory, and recommend the final publication of this paper in PLB.