

ERRATUM: “COSMIC EVOLUTION OF RADIO SELECTED ACTIVE GALACTIC NUCLEI IN THE COSMOS FIELD” (2009, *ApJ*, 696, 24)

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The scale of the volume-averaged heating rate for the VLA-COSMOS AGN, presented in Figure 14 of the paper, requires a systematic (positive) correction due to a bug in the code used to produce this plot. The modified figure is shown below. We would like to note that the applied correction does not alter any results presented in the paper, but only strengthens the agreement between the observations and the Croton et al. (2006) cosmological model in terms of the relevance of radio mode AGN feedback in the process of massive galaxy formation.

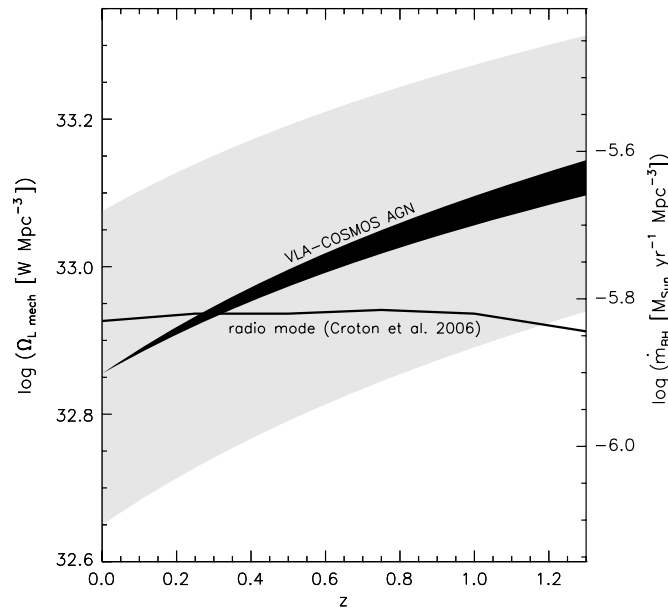


Figure 14. Cosmic evolution of the volume-averaged mechanical heating rate $\Omega_{L, \text{mech}}$ for low-power (VLA-COSMOS) AGN, which are likely candidates for the “radio mode” heating invoked in cosmological models (filled curve). The volume-averaged accretion rate is shown on the right-hand side y-axis. The uncertainties in the correlation between $L_{1.4\text{GHz}}$ and L_{mech} (given in Birzan et al. 2008) are illustrated by the light-gray shaded area. Also shown is the evolution predicted in the Croton et al. (2006) semianalytic model (thick line). Note that, for clarity, in this figure we omit the arrows indicating possible (a factor of 2–3 lower) values of the predicted curve.

The authors thank Gabriele Melini and Fabio La Franca for pointing out this error.

REFERENCES

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