

Bondi accretion for adiabatic flows onto a massive black hole with an accretion disc

The one dimensional problem (*Corrigendum*)

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A more appropriate observational reference for footnote 2 (page 4) of the article is:

For warm absorbers in AGNs, $L \sim 10^{43-46}$, $n_{\text{H}} \sim 10^{(7-9)}$, $\xi \sim (1-10)$, and $r \sim (1-10)$ pc (Ramírez et al. 2008). Physically, this distance seems to be a plausible location for warm absorber outflows to take place given the timescale variability of the central source and the ionization parameter, as well as the role that radiation pressure might be playing in these objects. We might adapt our calculations to other extragalactic sources,

e.g. ultra-luminous sources (ULXs; Pinto et al. 2019) in the near future.

The second change is the value of μ in the footnote 5 (page 6). The correct value is $\mu = 0.7$:

With $T = 10^7$ K, $\gamma = 1.1$, and $\mu = 0.7$.

References

Ramírez, J. M., Komossa, S., Burwitz, V., & Mathur, S. 2008, *ApJ*, 681, 965