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The extremely sharp transition between molecular and ionized gas in the Horsehead nebula *(Corrigendum)*

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In the original publication, the thermal pressure estimated in Sect. 4.4, defined as $P_{\rm th} = n_{\rm H} T_{\rm kin}$, was underestimated by a factor of two due to the conversion to the total hydrogen nuclei density, $n_{\rm H} = n({\rm H}) + 2n({\rm H_2}) \simeq 2n_{\rm H_2}$. As a result, the updated values correspond to $P_{\rm th} = (4.6\text{–}8.0) \times 10^6$ K cm^{-3}, which are more consistent with the modeling results presented in Sect. 5. The discussion and conclusions of Hernández-Vera et al. (2023) remain unchanged, as the updated values are still of the same order of magnitude as those reported in the literature (Habart et al. 2005), and the relation $P_{\rm th,PDR} > P_{\rm th,H\,II}$ still holds.

References

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