

Star formation efficiency along the radio jet in Centaurus A (Corrigendum)

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A&A 586, A45 (2016), DOI: [10.1051/0004-6361/201526409](https://doi.org/10.1051/0004-6361/201526409)

Key words. methods: data analysis – galaxies: individual: Centaurus A – galaxies: evolution – galaxies: interactions – galaxies: star formation – errata, addenda

In Sect. 2.5, we did not take into account the CO(2–1)/CO(1–0) ratio to derive the mass of the clumps observed by ALMA. This corresponds to an error of a factor of about two, compared with that obtained when using the ratio of 0.55 given by Charmandaris et al. (2000). With such a factor, the total molecular gas mass of the clumps is $M_{\text{H}_2} \sim 1.6 \times 10^5 M_{\odot}$. We provide a new version of Table 2, which shows the corrected values of the molecular gas mass for the clumps.

Table 2. CO(2–1) emission line properties for each clump (central velocity, FWHM, and molecular gas mass estimated with a standard and fixed conversion factor with no metallicity correction).

#	Offset	v_0 (km s ⁻¹)	Δv (km s ⁻¹)	M_{H_2} (10 ⁴ M_{\odot})	$M_{\text{H}_2}^Z$ (10 ⁴ M_{\odot})
1	5.8'', -17.25''	-231	12.5	7.3 ± 3.1	16.8 ± 6.6
2	4.4'', -18.2''	-222	8.0	4.8 ± 3.1	11.0 ± 4.4
3	2.0'', -19.3''	-214	7.5	3.8 ± 2.7	8.7 ± 3.5

Notes. Offsets from the ALMA phase centre: $\alpha = 13^{\text{h}}26^{\text{m}}16^{\text{s}}.1$, $\delta = -42:46:55.7$ are given in the first column.