

## *Erratum*

### Three-fluid plasmas in star formation

#### II. Momentum transfer rate coefficients

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The third line of Table 2 of the paper “Three-fluid plasmas in star formation II. Momentum transfer rate coefficients” by Pinto and Galli, published in *Astronomy & Astrophysics* 484, 17–28, contains an error. The correct line is given in Table 2 here. We would like to thank Despina Panoglou and Sylvie Cabrit for finding this error and drawing our attention to it.

**Table 2.** Fitting formulae for momentum transfer coefficients as function of  $v_{\text{rms}}$  (in  $\text{km s}^{-1}$ ).

Species $s, s'$	$\langle\sigma v\rangle_{ss'}$ ( $\text{cm}^3 \text{s}^{-1}$ )	$v_{\text{rms}}$ ( $\text{km s}^{-1}$ )
HCO <sup>+</sup> , H <sub>2</sub>	$2.40 \times 10^{-9} v_{\text{rms}}^{0.6}$	$0.2 \lesssim v_{\text{rms}} \lesssim 5$
H <sub>3</sub> <sup>+</sup> , H <sub>2</sub>	$2.00 \times 10^{-9} v_{\text{rms}}^{0.15}$	$1 \lesssim v_{\text{rms}} \lesssim 10$
H <sup>+</sup> , H <sub>2</sub>	$1.35 \times 10^{-9} v_{\text{rms}}^{0.22}$	$1 \lesssim v_{\text{rms}} \lesssim 10$
e, H <sub>2</sub>	$3.16 \times 10^{-11} v_{\text{rms}}^{1.3}$	$20 \lesssim v_{\text{rms}} \lesssim 200$
C <sup>+</sup> , H	$1.74 \times 10^{-9} v_{\text{rms}}^{0.2}$	$2 \lesssim v_{\text{rms}} \lesssim 20$
H <sup>+</sup> , H	$2.13 \times 10^{-9} v_{\text{rms}}^{0.75}$	$v_{\text{rms}} \gtrsim 1$ (GKS)
e, H	$2.50 \times 10^{-10} v_{\text{rms}}^{1.2} \exp(-v_{\text{rms}}/460)$	$20 \lesssim v_{\text{rms}} \lesssim 600$
H <sup>+</sup> , He	$1.48 \times 10^{-9} v_{\text{rms}}^{-0.02}$	$0.1 \lesssim v_{\text{rms}} \lesssim 10$
e, He	$7.08 \times 10^{-11} v_{\text{rms}}$	$20 \lesssim v_{\text{rms}} \lesssim 500$