Erratum

A. B. Rakshit and P. Warneck, Rate Coefficients and Product Ion Distributions for Reactions of \( \text{CO}_2^+ \cdot \text{CO}_2^+ \) Ions with Neutral Molecules at 300 K, Z. Naturforsch. 34a, 1410 [1979].

The following corrections are required:

Equation (1): \( \text{CO}_2^+ + 2 \text{CO}_2 \rightarrow \text{CO}_2^+\text{CO}_2^+ + \text{CO}_2 \).  
Equation (2): \( \text{CO}_2^+ + \text{H}_2\text{O} \rightarrow \text{H}_2\text{O}^+ + \text{CO}_2 \rightarrow \text{HCO}_2^+ + \text{OH} \).

In Eq. (B) read
\[
\frac{0.95}{X - (1 + a/p^2)} \text{ instead of } \frac{0.95}{x - (1 + a/p^2)}
\]
with \( X = k_3 n_1 \mu_4\mu/k_4 n_M^2 \mu_{88} \).

Equation (C): \( I(88) = 0.95 \exp\left[-(k_3 n_1 + k_R n_R)\tau_{88}\right] = I_0(88) \exp\left(-k_R n_R \tau_{88}\right) \).

Table 1: Reaction No. 7, read \((\leq 70)\) instead of \((\geq 70)\);  
Reaction No. 9, read \((\leq 10)\) instead of \((\geq 10)\).

Table 2: Reaction No. 28, read in the last column \((9)\) instead of \((10)\).

Page 1415, left column, line 15, read \( k_{98} \), and line 26 read \( n_3 \text{O}^+ \) instead of \( n_3 \text{O} \);  
right column, line 14, read “Minor products are \( \text{CO}_2\cdot \text{CH}_4^+ \) and \( \text{CH}_4\text{CO}^+ \).”

Right column, line 21–22, read “… but the present data give us no clues . . .”.

Figure 9: In the legend read “The upper part shows the direct products, the lower part the secondary products.”

Page 1419, left column, line 35, read \( k_{35a} = k_{32a}/n_M \);  
right column, line 4, read \( k_{11} = 1.35 (9) \).

Page 1420, Eq. (41), read \( \text{C}_2\text{H}_8^+ \) instead of \( \text{D}_2\text{H}_8^+ \).

Reference [5]: read 21, 2039 [1973].