Errata

In the paper by L. MOENS, F. DE CORTE, A. SIMONITS, A. DE WISPELAERE, J. HOSTE [J. Radioanal. Chem., 52 (1979) 379–387] on

p. 380:

$$\Phi_e(E) \cdot \frac{\Phi_e(1\ \text{eV}) \cdot 1\ \text{eV}}{E}$$

should be:

$$\Phi_e(E) = \frac{\Phi_e(1\ \text{eV}) \cdot 1\ \text{eV}}{E}$$

p. 381: Eq. (5′) and following equations:

$$I_0'(\alpha) = \int_{E_{Cd}}^{\infty} \sigma(E) - \left[\frac{\sigma_0\ v_0}{v}\right] 1\ \text{eV}^{-\alpha}\ \frac{dE}{E^{1+\alpha}}$$

$$= I_0(\alpha) - \int_{E_{Cd}}^{\infty} \frac{\sigma_0\ v_0}{v}\ 1\ \text{eV}^{-\alpha}\ \frac{dE}{E^{1+\alpha}}$$

$$= I_0(\alpha) - \sigma_0\ \frac{1\ \text{eV}^{-\alpha}\ \sqrt{E_0}}{(\alpha + 1/2)\ E_{Cd}^{\alpha+1/2}}$$

should be:

$$I_0'(\alpha) = \int_{Cd}^{\infty} \left[\sigma(E) - \frac{\sigma_0 \, v_0}{v} \right] 1 \text{ eV}^{\alpha} \, \frac{dE}{E^{1+\alpha}}$$

$$= I_0(\alpha) - \int_{E_{Cd}}^{\infty} \frac{\sigma_0 \, v_0}{v} \, 1 \text{ eV}^{\alpha} \, \frac{dE}{E^{1+\alpha}}$$

$$= I_0(\alpha) - \sigma_0 \, \frac{1 \text{ eV}^{\alpha} \sqrt{E_0}}{(\alpha + 1/2) \, E_{Cd}^{\alpha+1/2}}$$

p. 382: Eq. (7)

$$I_0(\alpha) = \left(\frac{I_0 - 0.426 \, \sigma_0}{(\bar{E}_r)^{\alpha}} + \frac{0.426 \, \sigma_0}{(2\alpha + 1) \, E_{Cd}^{\alpha}} \right)$$

should be:

$$I_0(\alpha) = \left(\frac{I_0 - 0.426 \, \sigma_0}{(\bar{E}_r)^{\alpha}} + \frac{0.426 \, \sigma_0}{(2\alpha + 1) \, E_{Cd}^{\alpha}} \right) 1 \text{ eV}^{\alpha}$$

p. 384 Eq. (9)

$$(E_r)^{-\alpha} = e^{-\alpha \ln E_r} = 1 - \alpha \ln \left(E_r + \frac{\alpha^2}{2!} (\ln E_r)^2 - \ldots \right)$$

should be:

$$(E_r)^{-\alpha} = e^{-\alpha \ln E_r} = 1 - \alpha \ln E_r \left(+ \frac{\alpha^2}{2!} (\ln E_r)^2 - \ldots \right)$$

p. 386: Table 3 ^{176}Hf
should be ^{179}Hf.