Corrigendum

Corrigendum to "Calculated electron impact K-shell ionization cross sections for atoms" [Int. J. Mass Spectrom. 269 (2008) 118–130]

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A R T I C L E   I N F O

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On page 123:

(a) For Z = 1 & 2

$$A = \left(\frac{2.560 \times 10^{-4} U_R}{1 + 1.012 U_R} \right)^3, \tag{8}$$

$$B = -\left(\frac{1.062 \times 10^{-4} U_R}{1 + 0.67 U_R} \right)^3, \tag{9}$$

(b) For Z = 3–18

$$A = \left(\frac{2.680 \times 10^{-3} U_R}{1 + 3.4 U_R} \right)^3, \tag{10}$$

$$B = -\left(\frac{1.519 \times 10^{-5} U_R}{1 + 0.59 U_R} \right)^3, \tag{11}$$

(c) For Z = 19–92

$$A = \left(\frac{4.545 \times 10^{-7} U_R}{1 + 0.2 U_R} \right)^3, \tag{12}$$

$$B = -\left(\frac{3.363 \times 10^{-3} U_R}{1 + 4.0 U_R} \right)^3, \tag{13}$$

above equations should read

(a) For Z = 1 & 2

$$A = \frac{24905.66 U_R}{(1 + 12.46 U_R)^3}, \tag{8}$$

$$B = -\frac{445.70 U_R}{(1 + 2.93 U_R)^3}, \tag{9}$$

(b) For Z = 3–18

$$A = \frac{90.15 U_R}{(1 + 2.00 U_R)^3}, \tag{10}$$

$$B = -\frac{1.93 U_R}{(1 + 0.54 U_R)^3}, \tag{11}$$

(c) For Z = 19–92

$$A = \frac{1.80 \times 10^{-4} U_R}{(1 + 0.026 U_R)^3}, \tag{12}$$

$$B = -\frac{3.00 \times 10^{-4} U_R}{(1 + 0.038 U_R)^{2.81}}. \tag{13}$$

This is a typographical error: the correct values of the equations were used in the calculations to the proposed model and the results given are correct.