

Correction

Correction: Wong et al. Investigation of a Collisional Radiative Model for Laser-Produced Plasmas. *Atoms* 2020, 8, 52

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Text Correction

The authors wish to make the following corrections to their paper [1]. There was an error in the original publication. The published Equations (5) and (8) had a typographical error in which the first square root term was presented as $\left(\frac{T_e}{\chi Z}\right)^{1/2}$ but should be $\left(\frac{\chi Z}{T_e}\right)^{1/2}$ according to Colombant and Tonon [2]. However, the simulations were performed using equations with the correct form of the factor.

A correction has been made to Section 2, The CR Model, Section 2.2, Basis of the Model, Paragraph 1, Equation (5):

$$\alpha_r(Z, T_e) = 5.2 \times 10^{-14} \left(\frac{\chi Z}{T_e}\right)^{1/2} Z \left[0.429 + \frac{1}{2} \ln\left(\frac{\chi Z}{T_e}\right) + 0.469 \left(\frac{T_e}{\chi Z}\right)^{1/2}\right] \quad [\text{cm}^3 \cdot \text{s}^{-1}]$$

and to Section 2, The CR Model, Section 2.4 Correction to the Traditional CR Model, Paragraph 1, Equation (8):

$$\alpha_r(Z, T_e) = 5.2 \times 10^{-14} \left(\frac{\chi Z}{T_e}\right)^{1/2} Z \left[0.429 + \frac{1}{2} \ln\left(\frac{\chi Z}{T_e}\right) + 0.469 \left(\frac{T_e}{\chi Z}\right)^{1/3}\right] \quad [\text{cm}^3 \cdot \text{s}^{-1}]$$

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

References

1. Wong, N.L.; O'Reilly, F.; Sokell, E. Investigation of a Collisional Radiative Model for Laser-Produced Plasmas. *Atoms* **2020**, *8*, 52. [[CrossRef](#)]
2. Colombant, D.; Tonon, G.F. X-ray emission in laser-produced plasmas. *J. Appl. Phys.* **1973**, *44*, 3524–3537. [[CrossRef](#)]



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