On revisiting our recent article (Liu et al [1]) after publication, we realized that a key sentence had been omitted from the beginning of section 3.2:

The following section closely follows Canal et al [2], but with extensions to accommodate multiple ionic charge states and so that the Druyvesteyn average energy will correspond numerically to the Maxwellian one, i.e. be a temperature in the conventional sense.

Since the absence of this text does not affect the scientific content of the paper, we had failed to notice that it had not been included in our submitted manuscript. We would like to apologize both to readers and to the authors of [2] for this inadvertent omission, which could give a false impression of the basis for our derivations.

References

[1] Liu H, Truscott B S and Ashfold M N R 2016 Position- and time-resolved Stark broadening diagnostics of a non-thermal laser-induced plasma Plasma Sources Sci. Technol. 25 015006

[2] Canal G P, Luna H, Galvão R M O and Castell R 2009 An approach to a non-LTE Saha equation based on the Druyvesteyn energy distribution function: a comparison between the electron temperature obtained from OES and the Langmuir probe analysis J. Phys. D: Appl. Phys. 42 135202