

ADDENDUM: “STORAGE RING MEASUREMENT OF ELECTRON IMPACT IONIZATION FOR Mg⁷⁺ FORMING Mg⁸⁺” (2010, ApJ, 712, 1166)

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ABSTRACT

Experimental cross-section data are presented as online data tables for electron impact single ionization of Mg⁷⁺ forming Mg⁸⁺.

Online-only material: machine-readable table

In Table 1, we present data for electron impact ionization of Mg⁷⁺ forming Mg⁸⁺. Descriptions of the experimental procedure and data analysis and a discussion of these results can be found in Hahn et al. (2010).

Table 1
Mg⁷⁺ Single Ionization Cross Section

<i>E</i> (eV)	σ_1 (cm ²)	Statistical Error
250	4.03E-21	5.49E-21
400	4.70E-19	2.21E-21
550	5.78E-19	1.44E-21
700	5.83E-19	1.44E-21
950	5.64E-19	1.47E-21
1100	5.33E-19	1.22E-21
1250	5.10E-19	1.61E-21
1500	4.79E-19	3.77E-21

(This table is available in its entirety in a machine-readable form in the online journal. A portion is shown here for guidance regarding its form and content.)

REFERENCE

Hahn, M., Bernhardt, D., Lestinsky, M., et al. 2010, *ApJ*, 712, 1166