

## ADDENDUM: “STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe<sup>11+</sup> FORMING Fe<sup>12+</sup> AND Fe<sup>13+</sup>” (2011, *ApJ*, 729, 76)

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### ABSTRACT

Experimental cross section data are presented as online data tables for electron impact single ionization of Fe<sup>11+</sup> forming Fe<sup>12+</sup> and electron impact double ionization of Fe<sup>11+</sup> forming Fe<sup>13+</sup>.

*Online-only material:* machine-readable tables

In Tables 1–2, we present data for electron impact single and double ionization of Fe<sup>11+</sup> forming Fe<sup>12+</sup> and Fe<sup>13+</sup>, respectively. Descriptions of the experimental procedure and data analysis and a discussion of these results can be found in Hahn et al. (2011).

**Table 1**  
Fe<sup>11+</sup> Single Ionization Cross Section

$E$ (eV)	$\sigma_1$ (cm <sup>2</sup> )	Statistical Error
300	−1.29E−20	1.81E−20
450	4.10E−19	1.03E−20
600	5.76E−19	8.84E−21
750	7.56E−19	2.34E−21
900	8.26E−19	1.74E−21
1055	7.90E−19	6.81E−21
1310	7.15E−19	5.50E−21
1505	6.51E−19	1.54E−20

(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.)

**Table 2**  
Fe<sup>11+</sup> Double Ionization Cross Section

$E$ (eV)	$\sigma_1$ (cm <sup>2</sup> )	Statistical Error
600	4.59E−21	6.14E−21
800	1.82E−21	3.37E−21
1000	5.85E−21	2.30E−21
1200	4.44E−20	2.63E−21
1400	7.15E−20	3.36E−21
1600	9.91E−20	5.51E−21
1800	1.13E−19	4.16E−21
2000	1.19E−19	7.98E−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., Grieser, M., et al. 2011, *ApJ*, 729, 76