Erratum to: Dissociative excitation study of iron pentacarbonyl molecule^{*}

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In this article a problem occurred with Table 3. The right Table 3 is:

Table 3. Summary table of the thresholds estimated in particular PECs and their comparison with calculated thermochemical values ([14,16]).

Wavelength (nm)	Fragment	Transitions	Threshold energy (eV)	
			Theoretical	Measured
218.9	Fe I* + 5 CO	Fe I		12.0 ± 0.5
	CO* + Fe(CO) ₄	CO I first negative system ($B^2\Sigma^+(0) \rightarrow X^2\Sigma^+(0)$)	21.6	21 ± 1
260	Fe I* + 5 CO	Fe I ($x^5G^\circ(4) \rightarrow a^5F(4)$)	11.89	12.8 ± 0.5
	CO* + Fe(CO) ₄	CO I 3A ($c^3\Sigma^+(0) \rightarrow a^3\Pi(3)$)	13.34	
	Fe II* + 5 CO	Fe II ($z^6D^\circ(9/2) \rightarrow a^6D(9/2)$)	18.87	23 ± 1
289.6	Fe I* + 5 CO	Fe I ($x^3F^\circ(3) \rightarrow a^3F(3)$)	11.9	13 ± 0.5
	CO* + Fe(CO) ₄	CO I first negative system ($B^2\Sigma^+(6) \rightarrow X^2\Sigma^+(0)$)	22.7	
368.1	Fe I* + 5 CO	Fe I ($z^5F^\circ(4) \rightarrow a^5D(4)$)	9.47	10.5 ± 0.5
	CO* + Fe(CO) ₄	CO I Herzberg band ($C^1\Sigma^+(0) \rightarrow A^1\Pi(0)$)	13.33	
372	Fe I + 5 CO	Fe I ($w^5F^\circ(4) \rightarrow a^5P(3)$)	11.7	11.6 ± 0.5
373.3	Fe I* + 5 CO	Fe I ($z^5F^\circ(5) \rightarrow a^5D(5)$)	9.65	10.5 ± 0.5
	CO* + Fe(CO) ₄	CO II Baldet – Johnson ($B^2\Sigma^+(1) \rightarrow A^2\Pi_i(0)$)	21.82	–
396.9	–	Not identified	–	8.0 ± 0.5
	Fe I* + 5 CO	Fe I ($y^3F^\circ(3) \rightarrow a^3F(4)$)	10.73	11.0 ± 1
	CO* + Fe(CO) ₄	CO II Baldet – Johnson ($B^2\Sigma^+(0) \rightarrow A^2\Pi_i(0)$)	21.61	–
448.2	Fe I* + 5 CO	weak Fe I lines		8.5 ± 0.5
	Fe I* + 5 CO	Fe I ($x^5D^\circ(2) \rightarrow a^5P(1)$)	11	11 ± 1
	CO* + Fe(CO) ₄	CO I triplet system ($d^3\Delta_i(15) \rightarrow a^3\Pi(3)$)	11.33	–
460.1	CO* + Fe(CO) ₄	CO I triplet system ($d^3\Delta_i(9) \rightarrow a^3\Pi(0)$)	10.5	8.5 ± 0.5
	Fe I* + 5 CO	weak Fe I lines	~12	13 ± 1

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