

### Quantitative Measure for the “Nakedness” of Fluoride Ion Sources [J. Am. Chem. Soc. 2003, 125, 9457–9461]. Karl O. Christe\* and H. Donald Brooke Jenkins

Page 9460, Table 1 and Figure 1. The (constant) entropy terms  $S(A, g)$ ,  $A = \text{SbF}_5, \text{BF}_3, \text{PF}_5,$  and  $\text{AsF}_5$ , were incorrectly taken as those corresponding to the gaseous *element*  $A$  rather than the fluoride. Correct values are (in  $\text{J K}^{-1} \text{mol}^{-1}$ ): 354.3 ( $\text{SbF}_5$ ), 254.1 ( $\text{BF}_3$ ), 285.7 ( $\text{PF}_5$ ), and 340.0 ( $\text{AsF}_5$ ).<sup>1</sup> The revised values of  $\Delta G$  (which should replace those in Table 1 and plotted in Figure 1) are given in the table below.

cation $C^+$	$\Delta G/\text{kJ mol}^{-1}$ ( $A = \text{SbF}_5$ )	$\Delta G/\text{kJ mol}^{-1}$ ( $A = \text{BF}_3$ )	$\Delta G/\text{kJ mol}^{-1}$ ( $A = \text{PF}_5$ )	$\Delta G/\text{kJ mol}^{-1}$ ( $A = \text{AsF}_5$ )
Cs	-227	-150	-150	-179
TMA	-371	-255	-287	-317
MU	-392	-269	-307	-337
HMG	-397	-272	-311	-341
HMP	-408	-278	-321	-350
TMAA	-413	-281	-325	-355
HDMAP	-423	-287	-335	-365
$V(C^+) = 1.3 \text{ nm}^3$	-435	-293	-345	-376

The entry  $[\Delta H - FIA + 3/2RT] = 240$  for Cs ( $A = \text{SbF}_5$ ) in Table 1 should be  $214 \text{ kJ mol}^{-1}$ , with all other values remaining the same.

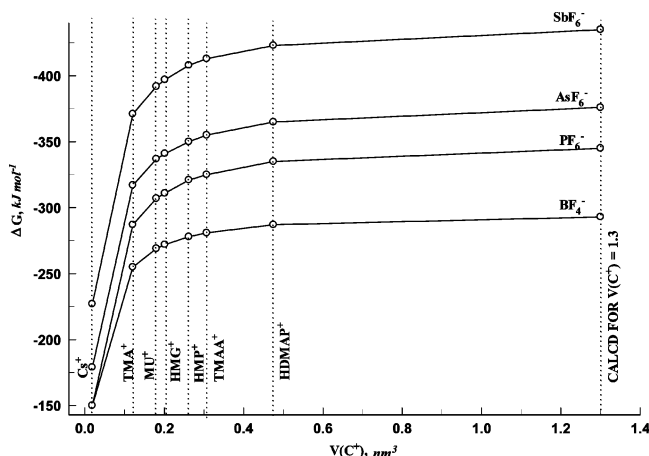


Figure 1. Revised Figure 1.

None of the conclusions made in this paper are affected in any way by this correction, the quantitative measure of “nakedness” being invested in the enthalpy and *not the entropy dependent* terms.

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(1) Averaged values from the following: Karapet'yants, M. H.; Karapet'yants, M. Kh. *Thermodynamic Constants of inorganic and organic compounds*; Ann Arbor–Humphrey Science Publications: Ann Arbor, London, 1970.