	K^+	I^-	C
K^+	1.49,36.8,22.9	1.49,102.9,107.6	$6.43,1.83\times10^{-4}$
I^-	1.49,102.9,107.6	1.49,269.5,624.8	$7.06,2.51\times10^{-4}$

TABLE I. Potential parameters: For the interaction between the ionic species the three numbers specify a, B, and C_6 in the Born-Mayer potential $U(r)=Be^{-ar}-C_6/r^6$. For the interactions between the ions and the carbon atoms of the graphite, the two numbers specify σ and ϵ in the Lennard-Jones potential $U(r)=4\epsilon[(\frac{\sigma}{r})^{12}-(\frac{\sigma}{r})^6]$, obtained from the graphite-inert gas potentials with ϵ scaled to allow for the different polarizabilities of K^+ and I^-. All values are in atomic units. The iodide and potassium polarizabilities are 44.5au and 5.3au with short-range damping parameters of $(b=1.19, c=2)$ [11].