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New Journal of Physics \textbf{14} (2012) 079504 (1pp)

Received 19 June 2012
Published 31 July 2012

Online at http://www.njp.org/
doi:10.1088/1367-2630/14/7/079504

It was brought to our attention that the values plotted in figure 5 are inconsistent with our measured heating rates in figure 4. This is due to a numerical error in obtaining the $\omega_S$ values for our trap, which are plotted in figure 5. The correct values are $5 \times 10^{-5}$ and $5 \times 10^{-4}$ (V m$^{-2}$), respectively, corresponding to the stated 5 and 50 ph ms$^{-1}$ in figure 4. This change does not alter the main conclusions of the paper. We would like to acknowledge Michael Brownnutt and Guido Wilpers for bringing this inconsistency to our attention.