



Phase-space Wigner functions of I^+ ions at 2 picoseconds (a) and 5 picoseconds (b) after dissociation of an I_2 molecule by a femtosecond laser pulse. Each Wigner function gives a complete characterization of the internuclear quantum state at that time; they were obtained using quantum state tomography from momentum and position measurements (the open circles on the side panels). See article 090406.

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