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Direct Imaging of Curve-crossing Dynamics in IBr by Attosecond Transient Absorption Spectroscopy

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We perform attosecond transient absorption spectroscopy (8-fs-visible pump, 200-as-XUV probe) to measure nonadiabatic dynamics of iodine monobromide. The results visualize the switching of unoccupied-orbital character from σ^* to π/π^* ensuing at the avoided crossing.

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