MODE-SELECTIVITY IN THE AUTOIONIZATION DYNAMICS OF HCO

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Rotationally resolved autoionization spectra of the HCO radical in high-Rydberg states ($n = 12 - 50$) built on core vibrational states, (010), (020), (030), and (001) have been obtained from rovibrational selected levels of the $3p\pi\,^2\Pi$ Rydberg state. Autoionization dynamics for bending and stretching modes are analyzed and compared.