

Electronic Supplementary Material

Rapid IRMPD (InfraRed Multiple Photon Dissociation) analysis for glycomics

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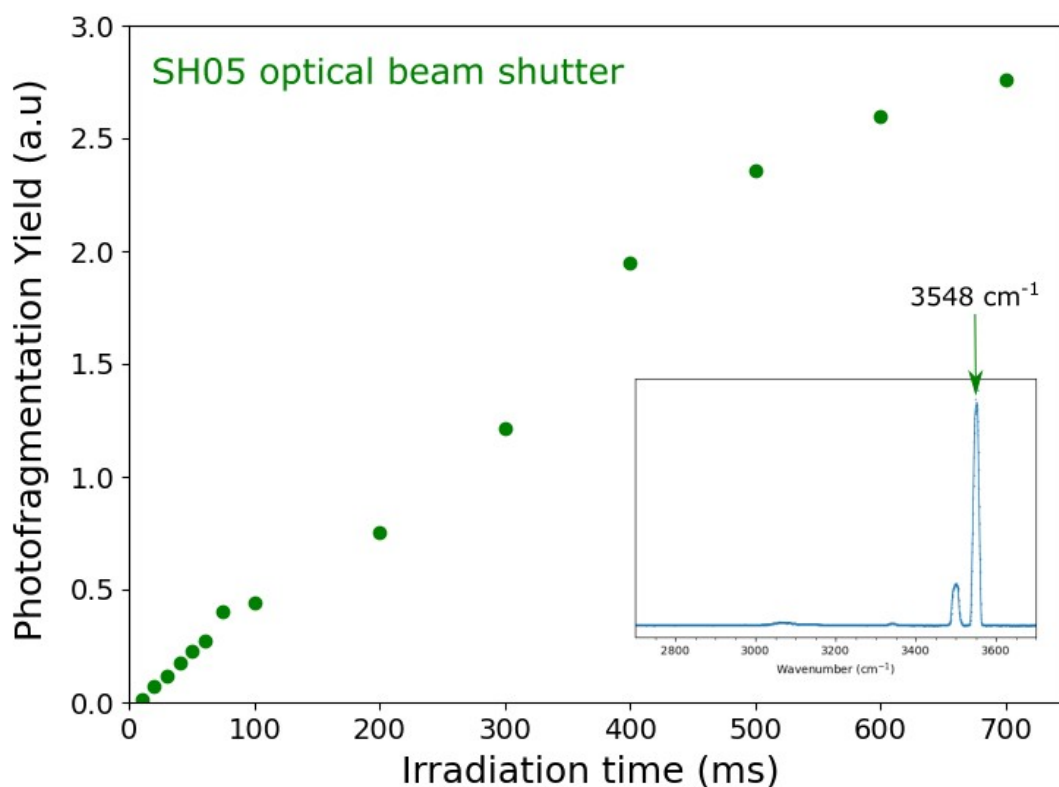


Figure S1: Photofragmentation yield of protonated tryptophan at 3548 cm⁻¹ as a function of irradiation time. Inset: IRMPD spectrum of protonated tryptophan the band marked by an arrow at 3548 cm⁻¹ correspond to an OH vibration mode. A ThorLabs SH05 optical beam shutter controlled by a ThorLabs SC10 - Optical Beam Shutter Controller was used to conduct this photofragmentation study.

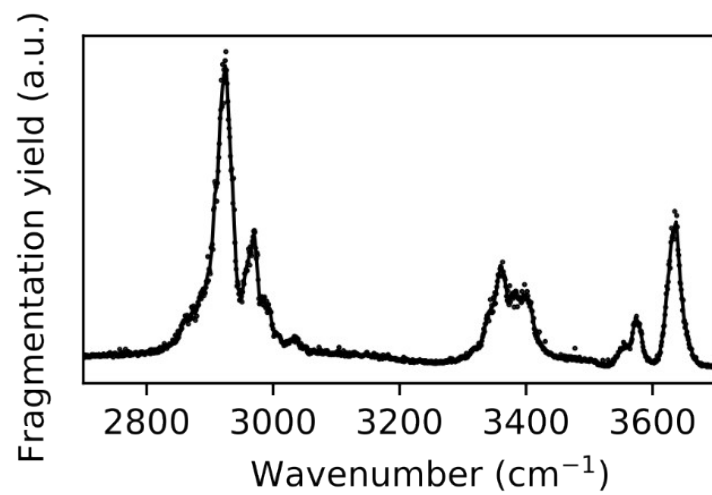


Figure S2: IRMPD spectrum of a neutral hexose (methyl- β -D-galactopyranoside) complexed with a NH_4^+ adduct, obtained with the kHz tunable laser