Photoelectron spectroscopy of chromophore ions

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A new method for photoelectron spectroscopy has been developed in the SEP-II laboratory at the Department of Physics and Astronomy, Aarhus University. The method employs coupling an electrospray ion source, a tunable nanosecond laser with an electrostatic spectrometer which allows measurement of low energy electrons in coincidence with neutral products. Presented here are calibration measurements of the device along with preliminary results.

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