

ION-PHOTON SPECTROMETRY STUDY
OF THE ORGANIC DYE-LIPID SYSTEM

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S u m m a r y

The spectral composition, quantum yield, and spatial distribution of excited particles emitted from the surface of the organic dye-lipid system bombarded with argon ions have been studied. The presence of lipids in a target was found to change the number of excited particles emitted from the surface in comparison with the case of pure dye. On the basis of the data obtained, a mechanism of influence of lipids on the excited particle yield has been proposed.