

SPEEDS OF THE EXCITED KALIUM ATOMS, DISSEMINATED AT IONIC BOMBING

By the method of Doppler tomography experimentally measured contours of the spectral line of potassium (kalium) ($\lambda = 766.5$ nanometer), the potassium radiated at dispersion of ions on the surface of silicon, in which phosphorus is inserted. Sizes of speeds of the excited scattered particles which are flying away from a surface of a target are determined.

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