DIFFUSION AND NUCLEAR FRAGMENTATION OF COSMIC RAYS: CHOICE OF GALACT

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The problem of cosmic ray transport in the Galaxy is discussed. The analysis of energy spectra of primary and secondary nuclei, surviving fractions of secondary radioactive isotopes, and cosmic ray anisotropy allows determining parameters of the diffusion-convection model of cosmic ray propagation in turbulent interstellar medium. Particular attention is given to the interpretation of peaks in secondary to primary ratios at few GeV/n, the energy dependence of cosmic ray diffusion, and the shape of cosmic ray source spectrum in a wide energy range.