

About cosmic ray sources in Galaxy

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In the last two decades the new experimental data on cosmic rays about energy spectra in a wide energy range up to 10^{13} eV, isotropy, ratio of positron flux to electron one, and others were obtained. These data came from balloons and mainly from satellites. It is difficult to understand and to explain these experimental data within a generally accepted framework of cosmic ray sources, namely, that supernova explosions are the main sources of cosmic rays in Galaxy.

We consider the question that with the high probability the active red dwarfs could be cosmic ray sources up to energy of 10^{14} - 10^{15} eV.

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