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Characteristics of EAS neutron component obtained with PRISMA-32 array

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The report is devoted to the results of the EAS neutron component investigations by means of the PRISMA-32 setup. The setup consists of 32 en-detectors and enables to register the delayed thermal neutrons accompanying showers. For registration of thermal neutrons, the scintillator based on ^6Li isotope is used in the detectors. The following results of processing of experimental data over a long period of time are presented: the temporal distributions of neutrons in EAS, the spatial distribution function of neutrons in EAS and preliminary results on the EAS neutron multiplicity spectrum.

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