

NEUTRON BURSTS IN EAS: NEW PHYSICS OR NUCLEAR PHYSICS?

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Results of experimental and theoretical study of neutron bursts in Extensive Air Showers are given. The phenomenon of a big number of delayed by milliseconds pulses (neutron burst) in Neutron Monitors triggered by EAS can be explained by thermal neutron flux emitting by ground and other surrounding matter after EAS passage. Thus, answering the question in the title we can say: this is mostly nuclear physics.