

Thermal neutron background variations monitoring using en-detectors

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Long-term variations of thermal neutron background in Moscow, where EAS array ENDA-INR is running, are studied using en-detectors (developed in the INR RAS). EN-detectors based on the inorganic scintillation compound ZnS(Ag) + B₂O₃ with unenforced boron. The paper provides information about detectors stability and thermal neutron background variations including seasonal and weather effects.

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