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High energy neutron flux density measurements in ADS systems.

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The aim of the "High energy neutron flux density measurements in ADS systems" project was the research about neutron flux in the experimental assembly based on natural uranium and proton beam from accelerator ('Quinta'experiment in june 2017) to gain he better knowledge about neutron flux density, which could be useful to constructing the fourth generation and accelerator-driven subcritical nuclear rectors. Parameters of experimental assembly were very similar to conditions expected in the ADS reactors, and the average neutron flux density in experimental assembly was assign after calculations basing on isotopes production during the experiment.

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