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Ionization loss simulation in several gap neutron detector based on rigid layer converter and gaseous chamber

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An ionization loss simulation in several sequent gaps of the neutron detector is preformed. It is based on the rigid layer converter so as boron-10 or lithium-6 and gaseous chamber. It was shown that the distribution of ionization losses over gas gaps varies significantly depending on the incident neutron energy.The fact can be used to control the energy of the neutron flux using this detector.

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