
Subject: Re: Deviation in multi-neutron simulations

Posted by [Dmytro Kresan](#) on Wed, 25 May 2016 07:45:16 GMT

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ASCII files for multi-neutron simulation contain realistic distribution from interaction of ^{132}Sn beam on a hydrogen target. The angular distribution of neutrons and a fragment is calculated assuming 500 keV relative energy between these particles - in transversal direction. This relative energy is delta-function like - to test reconstruction resolution. Longitudinal momentum comes from beam energy of 600 MeV.

Yes, digitiser of Jan contains saturation and 5% gaussian smearing.

Best regards,
Dima
