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Investigation of PAMELA detectors parameters for search of albedo tritons

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First results of investigation of PAMELA detectors parameters for search of albedo tritons. PAMELA is an space-born international experiment is housed on board of Resurs DK-1 satellite which was launched on 16 June 2006. PAMELA experimental framework consists from several independent detectors including time-of-flight detector, tracking detector and calorimeter. These detectors allows to search and identify tritons in albedo radiation, but fluxes of tritons are small enough, so big data samples are required for clean identification. Therefore, it is mandatory to check stability of detector parameters during a long period of time. So in this work this analysis was done and it was used for search of deuterons.

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