

## The calculation of halo at superhigh energy for Pamir experiment

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**Abstract.** In the present paper we analyze the properties of halo event structures detected at Pamir altitude. The structure can be used to estimate the primary nuclei, which are responsible for the generation of halo events. For the simulations of air showers in air we have used the CORSIKA program with

QGS model. We have calculated the halo area in an X-ray calorimeter by using the thinning method for EMC.

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