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Extensive studies of CaMoO₄ crystals for dark matter experiments

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We present results of extensive studies of CaMoO₄ crystals for dark matter experiments. Light emission kinetics and absolute light yield of the crystals were measured thoroughly at room temperature. The temperature dependence of the crystals parameters were measured in the wide range of 1-300K. It is shown that CaMoO₄ crystals are very interesting for dark matter experiments and for neutrinoless double-beta experiments too.

Collaboration

– not specified –

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Primary author: LUBSANDORZHIEV, Bayarto (Institute for Nuclear Research of RAS)

Presenter: LUBSANDORZHIEV, Bayarto (Institute for Nuclear Research of RAS)

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