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Hadron calorimeters for the experiment of tensor-polarized deuteron photodisintegration at the VEPP-3 storage ring.

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Content

Tensor analysing power T_{20} of the two-body deuteron photodisintegration reaction will be measured in an unexplored region of the photon energy upto 1.5 GeV. The particle detector will be comprised of two identical arms placed symmetrically with respect to the storage ring median plane for detecting of the proton-neutron pairs in coincidence. The main role of two hadron calorimeters, as the important elements of the partial detector, is to provide high detection efficiency of the neutrons and determination of their trackers positions. Description of calorimeters and their construction status will be presented.

Summary

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