
KRATTA AND THE FIRST CCB AND HIMAC BEAM TEST RESULTS

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KRATTA [1], a novel, low threshold, broad energy range, portable triple telescope array has been built to measure the energy, emission angles and isotopic composition of light charged reaction products. It has been equipped with fully digital chains of electronics. The array performed very well during the ASY-EOS experiment [2] at GSI, measuring the midrapidity products of the Au+Au collisions at 400 AMeV. It has also been tested at the Bronowice Cyclotron Center (CCB) using the elastically scattered protons at energies between 70 and 230 MeV and at HIMAC using the fragmentation products of the 300 AMeV Xe beam. The overall performance of the array for measuring the light charged particles and intermediate mass fragments ($Z < 6$) is presented using the GSI experimental results. The CCB tests allowed to measure the energy resolution of the modules in a broad energy range. The HIMAC test allowed to investigate in more details the performance of the modules for measuring the fragments up to $Z=54$.

ACKNOWLEDGMENTS

Work supported by Polish Ministry of Science and Higher Education under grant No. DPN/N108/GSI/2009 and by Polish National Science Center (NCN), contract Nos. UMO-2013/10/M/ST2/00624, UMO-2013/09/B/ST2/04064.

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