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Commissioning of the forward detectors of the BM@N experiment

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The BM@N experiment is an ongoing fixed-target experiment launched on the extracted beam of the Nuclotron accelerator to study highly compressed nuclear matter. The forward detectors of the BM@N experiment are designed to determine the geometry of nucleus-nucleus collisions - the centrality and orientation of the reaction plane, as well as to measure the charge distributions of spectator fragments formed in nucleus-nucleus interactions. The forward detectors - the FHCAL hadron calorimeter, the beam quartz hodoscope and the scintillation wall will be used for the first time in the BM@N experiment. The results of the response testing of forward detectors during the SRC (Short Range Correlation) run with carbon beam will be presented.

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