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Preliminary results of the cosmic ray study in the NUCLEON space experiment.

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The orbital NUCLEON experiment is designed to measure Cosmic Ray (CR) energy spectrum and charge composition at 100 GeV – 1000 TeV and $Z = 1-30$ respectively. The NUCLEON apparatus structure, methods of primary CR charge and energy measurements are described. The possible systematic uncertainty sources are discussed. Preliminary CR energy spectra and charge composition are presented from the first one and a half year of data taking from orbit.

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