

Properties of the Forbush decreases measured by AMS on the ISS

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During the first 5 years of operations on board of the International Space Station, from May 2011 to May 2016, AMS has detected sudden reductions of the cosmic ray intensity —the so-called Forbush decrease events. The method used to identify the reductions of the proton flux is described. The detailed time evolution of selected events is presented in different rigidity bins.

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