Pa-P007 Room: IM2 Time: June 25 17:30-19:00

Measurement of the Production Rate of Nitric Oxide by Accelerator Beam. (Proposal)

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In order to clarify whether nitrate fluctuation in Antarctic and Greenland ice cores is related to solar cosmic-ray fluctuation, we propose on experiment to measure the production rate of nitric oxide in the earth's atmosphere by accelerator beam.

If the production rate of nitric oxide for the accelerator particles is determined, we can know long-term variation of past solar activity from nitrate data in ice cores.

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