

Cosmogenic radionuclides in meteorites: Temporal and space variations

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Production of cosmogenic radionuclides in meteorites are reviewed with the aim to characterise basic meteorite characteristics such as cosmic-ray exposure ages, their orbits in space, pre-atmospheric dimensions and terrestrial ages. Implications on temporal and spatial variations of cosmic rays during the last million years are elucidated using cosmogenic radionuclide records in meteorites with well-known orbits in the heliosphere.