

Properties of Cosmic Beryllium Isotopes

Monday, 25 July 2022 17:30 (15 minutes)

Beryllium nuclei are expected to be mainly produced by the fragmentation of primary cosmic rays (CR) during their propagation. Therefore, their measurement is essential in the understanding of cosmic ray propagation and sources. In particular, the $^{10}\text{Be}/^9\text{Be}$ ratio can be used as a radioactive clock providing the measurement of CR residence time in the Galaxy. In this contribution, the measurement of the ^7Be , ^9Be , and ^{10}Be fluxes and ratios based on data collected by AMS are presented.

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Session Classification: Parallel 1

Track Classification: CRD