

ORIGIN OF LARGE ALBEDO HELIUM 3 RATIO

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The Alpha Magnetic Spectrometer observed many Helium nuclei below geomagnetic cutoff. These particles, known as the atmospheric albedo, are found to originate from the atmosphere and rebound to space. Surprisingly, 90% of the albedo Helium are ^3He . We explore several mechanisms to explain the excess of ^3He . The potential signals of these mechanisms and the influence of large ^3He abundance are also discussed.