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## Properties of Heavy Nuclei in South Atlantic Anomaly region

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The Alpha Magnetic Spectrometer collected over 150 billion cosmic rays events during the first 8.5 years of operation aboard the International Space Station. A component of  $Z>2$  ions with rigidities below the rigidity cutoff and located in the South Atlantic Anomaly have been measured both in the down-going and up-going direction.

### Collaboration name

AMS

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