

MEASURING CR LIGHT IONS WITH AMS

L. Baldini (1), L. Brocco (2), **D. Casadei** (2), G. Castellini (3), F. Cindolo (1), A. Contin (2), G. Laurenti (1), G. Levi (2), A. Montanari (1), F. Palmonari (2) and A. Zichichi (2)

(1) INFN, Bologna, Italy, (2) Bologna University and INFN, Bologna, Italy, (3) CNR-IROE, Florence, Italy.

`Diego.Casadei@bo.infn.it`

The Alpha Magnetic Spectrometer (AMS) was operated aboard of the shuttle Discovery on June 1998 (NASA STS-91 mission) and will be upgraded and installed on the International Space Station at the end of 2003, for 3 years of data taking. Preliminary results of the 1998 data analysis about light ions ($Z < 10$) are shown, together with the expected results for ions separation done by the RICH of the final version of the detector.