

Flux ratios of primary elements measured by CALET on the International Space Station

Caterina Checchia,^{a,b,*} Francesco Stolzi^{a,b} for the CALET collaboration

^a*Department of Physical Sciences, Earth and Environment,
University of Siena, via Roma 56, 53100 Siena, Italy*

^b*INFN Sezione di Pisa,
Polo Fibonacci, Largo B. Pontecorvo, 3, 56127 Pisa, Italy*

E-mail: caterina.checchia2@unisi.it, francesco.stolzi@unisi.it

The study of flux ratios of cosmic-ray primary elements is of particular interest not only to assess the relative abundance of each element, but also to gain a deeper understanding of their propagation in the galaxy. High energy cosmic ray data are the best candidate for this purpose as convection, nuclear decay, and energy degradation can be neglected during their propagation. CALET on the International Space Station has been measuring the flux of several primary elements from proton to nickel for 7 years to date. In this contribution, the flux ratios of heavy primary elements to lighter primaries will be shown, extending the energy range already investigated by previous measurements.

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*Speaker

Full Author List: CALET Collaboration

O. Adriani^{1,2}, Y. Akaike^{3,4}, K. Asano⁵, Y. Asaoka⁵, E. Berti^{2,6}, G. Bigongiari^{7,8}, W.R. Binns⁹, M. Bongio^{1,2}, P. Brogi^{7,8}, A. Bruno¹⁰, N. Cannady^{11,12,13}, G. Castellini⁶, C. Checchia^{7,8}, M.L. Cherry¹⁴, G. Collazuol^{15,16}, G.A. de Nolfo¹⁰, K. Ebisawa¹⁷, A.W. Ficklin¹⁴, H. Fuke¹⁷, S. Gonzi^{1,2,6}, T.G. Guzik¹⁴, T. Hams¹¹, K. Hibino¹⁸, M. Ichimura¹⁹, K. Ioka²⁰, W. Ishizaki⁵, M.H. Israel⁹, K. Kasahara²¹, J. Kataoka²², R. Kataoka²³, Y. Katayose²⁴, C. Kato²⁵, N. Kawanaka²⁰, Y. Kawakubo¹⁴, K. Kobayashi^{3,4}, K. Kohri²⁶, H.S. Krawczynski⁹, J.F. Krizmanic¹², P. Maestro^{7,8}, P.S. Marrocchesi^{7,8}, A.M. Messineo^{8,27}, J.W. Mitchell¹², S. Miyake²⁸, A.A. Moiseev^{29,12,13}, M. Mori³⁰, N. Mori², H.M. Motz¹⁸, K. Munakata²⁵, S. Nakahira¹⁷, J. Nishimura¹⁷, S. Okuno¹⁸, J.F. Ormes³¹, S. Ozawa³², L. Pacini^{2,6}, P. Papini², B.F. Rauch⁹, S.B. Ricciarini^{2,6}, K. Sakai^{11,12,13}, T. Sakamoto³³, M. Sasaki^{29,12,13}, Y. Shimizu¹⁸, A. Shiomi³⁴, P. Spillantini¹, F. Stolzi^{7,8}, S. Sugita³³, A. Sulaj^{7,8}, M. Takita⁵, T. Tamura¹⁸, T. Terasawa⁵, S. Torii³, Y. Tsunesada^{35,36}, Y. Uchihori³⁷, E. Vannuccini², J.P. Wefel¹⁴, K. Yamaoka³⁸, S. Yanagita³⁹, A. Yoshida³³, K. Yoshida²¹, and W.V. Zober⁹

¹Department of Physics, University of Florence, Via Sansone, 1 - 50019, Sesto Fiorentino, Italy, ²INFN Sezione di Firenze, Via Sansone, 1 - 50019, Sesto Fiorentino, Italy, ³Waseda Research Institute for Science and Engineering, Waseda University, 17 Kikuicho, Shinjuku, Tokyo 162-0044, Japan, ⁴JEM Utilization Center, Human Spaceflight Technology Directorate, Japan Aerospace Exploration Agency, 2-1-1 Sengen, Tsukuba, Ibaraki 305-8505, Japan, ⁵Institute for Cosmic Ray Research, The University of Tokyo, 5-1-5 Kashiwa-no-Ha, Kashiwa, Chiba 277-8582, Japan, ⁶Institute of Applied Physics (IFAC), National Research Council (CNR), Via Madonna del Piano, 10, 50019, Sesto Fiorentino, Italy, ⁷Department of Physical Sciences, Earth and Environment, University of Siena, via Roma 56, 53100 Siena, Italy, ⁸INFN Sezione di Pisa, Polo Fibonacci, Largo B. Pontecorvo, 3 - 56127 Pisa, Italy, ⁹Department of Physics and McDonnell Center for the Space Sciences, Washington University, One Brookings Drive, St. Louis, Missouri 63130-4899, USA, ¹⁰Heliospheric Physics Laboratory, NASA/GSFC, Greenbelt, Maryland 20771, USA, ¹¹Center for Space Sciences and Technology, University of Maryland, Baltimore County, 1000 Hilltop Circle, Baltimore, Maryland 21250, USA, ¹²Astroparticle Physics Laboratory, NASA/GSFC, Greenbelt, Maryland 20771, USA, ¹³Center for Research and Exploration in Space Sciences and Technology, NASA/GSFC, Greenbelt, Maryland 20771, USA, ¹⁴Department of Physics and Astronomy, Louisiana State University, 202 Nicholson Hall, Baton Rouge, Louisiana 70803, USA, ¹⁵Department of Physics and Astronomy, University of Padova, Via Marzolo, 8, 35131 Padova, Italy, ¹⁶INFN Sezione di Padova, Via Marzolo, 8, 35131 Padova, Italy, ¹⁷Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency, 3-1-1 Yoshinodai, Chuo, Sagami, Kanagawa 252-5210, Japan, ¹⁸Kanagawa University, 3-27-1 Rokkakubashi, Kanagawa, Yokohama, Kanagawa 221-8686, Japan, ¹⁹Faculty of Science and Technology, Graduate School of Science and Technology, Hirosaki University, 3, Bunkyo, Hirosaki, Aomori 036-8561, Japan, ²⁰Yukawa Institute for Theoretical Physics, Kyoto University, Kitashirakawa Oiwake-cho, Sakyo-ku, Kyoto, 606-8502, Japan, ²¹Department of Electronic Information Systems, Shibaura Institute of Technology, 307 Fukasaku, Minuma, Saitama 337-8570, Japan, ²²School of Advanced Science and Engineering, Waseda University, 3-4-1 Okubo, Shinjuku, Tokyo 169-8555, Japan, ²³National Institute of Polar Research, 10-3, Midori-cho, Tachikawa, Tokyo 190-8518, Japan, ²⁴Faculty of Engineering, Division of Intelligent Systems Engineering, Yokohama National University, 79-5 Tokiwadai, Hodogaya, Yokohama 240-8501, Japan, ²⁵Faculty of Science, Shinshu University, 3-1-1 Asahi, Matsumoto, Nagano 390-8621, Japan, ²⁶Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization, 1-1 Oho, Tsukuba, Ibaraki, 305-0801, Japan, ²⁷University of Pisa, Polo Fibonacci, Largo B. Pontecorvo, 3 - 56127 Pisa, Italy, ²⁸Department of Electrical and Electronic Systems Engineering, National Institute of Technology (KOSEN), Ibaraki College, 866 Nakane, Hitachinaka, Ibaraki 312-8508, Japan, ²⁹Department of Astronomy, University of Maryland, College Park, Maryland 20742, USA, ³⁰Department of Physical Sciences, College of Science and Engineering, Ritsumeikan University, Shiga 525-8577, Japan, ³¹Department of Physics and Astronomy, University of Denver, Physics Building, Room 211, 2112 East Wesley Avenue, Denver, Colorado 80208-6900, USA, ³²Quantum ICT Advanced Development Center, National Institute of Information and Communications Technology, 4-2-1 Nukui-Kitamachi, Koganei, Tokyo 184-8795, Japan, ³³College of Science and Engineering, Department of Physics and Mathematics, Aoyama Gakuin University, 5-10-1 Fuchinobe, Chuo, Sagami, Kanagawa 252-5258, Japan, ³⁴College of Industrial Technology, Nihon University, 1-2-1 Izumi, Narashino, Chiba 275-8575, Japan, ³⁵Graduate School of Science, Osaka Metropolitan University, Sugimoto, Sumiyoshi, Osaka 558-8585, Japan, ³⁶Nambu Yoichiro Institute for Theoretical and Experimental Physics, Osaka Metropolitan University, Sugimoto, Sumiyoshi, Osaka 558-8585, Japan, ³⁷National Institutes for Quantum and Radiation Science and Technology, 4-9-1 Anagawa, Inage, Chiba 263-8555, Japan, ³⁸Nagoya University, Furo, Chikusa, Nagoya 464-8601, Japan, ³⁹College of Science, Ibaraki University, 2-1-1 Bunkyo, Mito, Ibaraki 310-8512, Japan