

ERRATUM: “CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM *FERMI* γ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT” (2011, *ApJ*, 726, 81)

M. ACKERMANN¹, M. AJELLO¹, L. BALDINI², J. BALLE³, G. BARBIELLINI^{4,5}, D. BASTIERI^{6,7}, K. BECHTOL¹, R. BELLAZZINI², B. BERENJI¹, E. D. BLOOM¹, E. BONAMENTE^{8,9}, A. W. BORGLAND¹, T. J. BRANDT^{10,11}, J. BREGEON², A. BREZ², M. BRIGIDA^{12,13}, P. BRUEL¹⁴, R. BUEHLER¹, S. BUSON^{6,7}, G. A. CALIANDRO¹⁵, R. A. CAMERON¹, P. A. CARAVEO¹⁶, J. M. CASANDJIAN³, C. CECCHI^{8,9}, E. CHARLES¹, A. CHEKHTMAN^{17,18}, J. CHIANG¹, S. CIPRINI⁹, R. CLAUS¹, J. COHEN-TANUGI¹⁹, J. CONRAD^{20,21,43}, C. D. DERMER¹⁷, F. DE PALMA^{12,13}, S. W. DIGEL¹, P. S. DRELL¹, R. DUBOIS¹, C. FAVUZZI^{12,13}, E. C. FERRARA²², W. B. FOCKE¹, Y. FUKAZAWA²³, S. FUNK¹, P. FUSCO^{12,13}, F. GARGANO¹³, S. GERMANI^{8,9}, N. GIGLIETTO^{12,13}, F. GIORDANO^{12,13}, M. GIROLETTI²⁴, T. GLANZMAN¹, G. GODFREY¹, I. A. GRENIER³, S. GUIRIEC²⁵, D. HADASCH¹⁵, Y. HANABATA²³, A. K. HARDING²², K. HAYASHI²³, M. HAYASHIDA¹, R. E. HUGHES¹¹, R. ITOH²³, G. JÓHANNESSEN¹, A. S. JOHNSON¹, W. N. JOHNSON¹⁷, T. KAMAE¹, H. KATAGIRI²³, J. KATAOKA²⁶, J. KNÖDLSER¹⁰, M. KUSS², J. LANDE¹, L. LATRONICO², S.-H. LEE¹, M. LLENA-GARDE^{20,21}, F. LONGO^{4,5}, F. LOPARCO^{12,13}, M. N. LOVELLETTE¹⁷, P. LUBRANO^{8,9}, A. MAKEEV^{17,18}, P. MARTIN²⁷, M. N. MAZZIOTTA¹³, J. E. MCENERY^{22,28}, J. MEHAULT¹⁹, P. F. MICHELSON¹, T. MIZUNO²³, C. MONTE^{12,13}, M. E. MONZANI¹, A. MORSELLI²⁹, I. V. MOSKALENKO¹, S. MURGIA¹, M. NAUMANN-GODO³, S. NISHINO²³, P. L. NOLAN¹, J. P. NORRIS³⁰, E. NUSS¹⁹, T. OHSUGI³¹, A. OKUMURA³², N. OMODEI¹, E. ORLANDO²⁷, J. F. ORMES³⁰, M. OZAKI³², D. PARENT^{17,18}, V. PELASSA¹⁹, M. PEPE^{8,9}, M. PESCE-ROLLINS², F. PIRON¹⁹, T. A. PORTER¹, S. RAINÒ^{12,13}, R. RANDO^{6,7}, M. RAZZANO², A. REIMER^{1,33}, O. REIMER^{1,33}, J. RIPKEN^{20,21}, T. SADA²³, H. F.-W. SADROZINSKI³⁴, C. SGRÒ², E. J. SISKIND³⁵, G. SPANDRE², P. SPINELLI^{12,13}, M. S. STRICKMAN¹⁷, A. W. STRONG²⁷, D. J. SUSON³⁶, H. TAKAHASHI³¹, T. TAKAHASHI³², T. TANAKA¹, J. B. THAYER¹, D. J. THOMPSON²², L. TIBALDO^{3,6,7,44}, D. F. TORRES^{15,37}, A. TRAMACERE^{1,38,39}, Y. UCHIYAMA¹, T. UEHARA²³, T. L. USHER¹, J. VANDENBROUCKE¹, V. VASILEIOU^{40,41}, N. VILCHEZ¹⁰, V. VITALE^{29,42}, A. E. VLADIMIROV¹, A. P. WAITE¹, P. WANG¹, K. S. WOOD¹⁷, Z. YANG^{20,21}, AND M. ZIEGLER³⁴

¹ W. W. Hansen Experimental Physics Laboratory, Kavli Institute for Particle Astrophysics and Cosmology, Department of Physics and SLAC National Accelerator Laboratory, Stanford University, Stanford, CA 94305, USA

² Istituto Nazionale di Fisica Nucleare, Sezione di Pisa, I-56127 Pisa, Italy

³ Laboratoire AIM, CEA-IRFU/CNRS/Université Paris Diderot, Service d'Astrophysique, CEA Saclay, F-91191 Gif sur Yvette, France; isabelle.grenier@cea.fr

⁴ Istituto Nazionale di Fisica Nucleare, Sezione di Trieste, I-34127 Trieste, Italy

⁵ Dipartimento di Fisica, Università di Trieste, I-34127 Trieste, Italy

⁶ Istituto Nazionale di Fisica Nucleare, Sezione di Padova, I-35131 Padova, Italy; luigi.tibaldo@pd.infn.it

⁷ Dipartimento di Fisica “G. Galilei,” Università di Padova, I-35131 Padova, Italy

⁸ Istituto Nazionale di Fisica Nucleare, Sezione di Perugia, I-06123 Perugia, Italy

⁹ Dipartimento di Fisica, Università degli Studi di Perugia, I-06123 Perugia, Italy

¹⁰ Centre d'Étude Spatiale des Rayonnements, CNRS/UPS, BP 44346, F-30128 Toulouse Cedex 4, France

¹¹ Department of Physics, Center for Cosmology and Astro-Particle Physics, The Ohio State University, Columbus, OH 43210, USA

¹² Dipartimento di Fisica “M. Merlin” dell'Università e del Politecnico di Bari, I-70126 Bari, Italy

¹³ Istituto Nazionale di Fisica Nucleare, Sezione di Bari, I-70126 Bari, Italy

¹⁴ Laboratoire Leprince-Ringuet, École polytechnique, CNRS/IN2P3, F-91128 Palaiseau, France

¹⁵ Institut de Ciències de l'Espai (IEEC-CSIC), Campus UAB, E-08193 Barcelona, Spain

¹⁶ INAF-Istituto di Astrofisica Spaziale e Fisica Cosmica, I-20133 Milano, Italy

¹⁷ Space Science Division, Naval Research Laboratory, Washington, DC 20375, USA

¹⁸ George Mason University, Fairfax, VA 22030, USA

¹⁹ Laboratoire de Physique Théorique et Astroparticules, Université Montpellier 2, CNRS/IN2P3, F-34095 Montpellier, France

²⁰ Department of Physics, Stockholm University, AlbaNova, SE-106 91 Stockholm, Sweden

²¹ The Oskar Klein Centre for Cosmoparticle Physics, AlbaNova, SE-106 91 Stockholm, Sweden

²² NASA Goddard Space Flight Center, Greenbelt, MD 20771, USA

²³ Department of Physical Sciences, Hiroshima University, Higashi-Hiroshima, Hiroshima 739-8526, Japan; mizuno@hep01.hepl.hiroshima-u.ac.jp

²⁴ INAF Istituto di Radioastronomia, I-40129 Bologna, Italy

²⁵ Center for Space Plasma and Aeronomic Research (CSPAR), University of Alabama in Huntsville, Huntsville, AL 35899, USA

²⁶ Research Institute for Science and Engineering, Waseda University, 3-4-1, Okubo, Shinjuku, Tokyo 169-8555, Japan

²⁷ Max-Planck Institut für extraterrestrische Physik, D-85748 Garching, Germany

²⁸ Department of Physics and Department of Astronomy, University of Maryland, College Park, MD 20742, USA

²⁹ Istituto Nazionale di Fisica Nucleare, Sezione di Roma “Tor Vergata,” I-00133 Roma, Italy

³⁰ Department of Physics and Astronomy, University of Denver, Denver, CO 80208, USA

³¹ Hiroshima Astrophysical Science Center, Hiroshima University, Higashi-Hiroshima, Hiroshima 739-8526, Japan

³² Institute of Space and Astronautical Science, JAXA, 3-1-1 Yoshinodai, Sagami-hara, Kanagawa 229-8510, Japan

³³ Institut für Astro- und Teilchenphysik and Institut für Theoretische Physik, Leopold-Franzens-Universität Innsbruck, A-6020 Innsbruck, Austria

³⁴ Santa Cruz Institute for Particle Physics, Department of Physics and Department of Astronomy and Astrophysics, University of California at Santa Cruz, Santa Cruz, CA 95064, USA

³⁵ NYCB Real-Time Computing Inc., Lattingtown, NY 11560-1025, USA

³⁶ Department of Chemistry and Physics, Purdue University Calumet, Hammond, IN 46323-2094, USA

³⁷ Institució Catalana de Recerca i Estudis Avançats (ICREA), E-08010 Barcelona, Spain

³⁸ Consorzio Interuniversitario per la Fisica Spaziale (CIFS), I-10133 Torino, Italy

³⁹ INTEGRAL Science Data Centre, CH-1290 Versoix, Switzerland

⁴⁰ Center for Research and Exploration in Space Science and Technology (CRESST) and NASA Goddard Space Flight Center, Greenbelt, MD 20771, USA

⁴¹ Department of Physics and Center for Space Sciences and Technology, University of Maryland Baltimore County,
Baltimore, MD 21250, USA

⁴² Dipartimento di Fisica, Università di Roma "Tor Vergata," I-00133 Roma, Italy
Received 2013 May 10; published 2013 July 17

Online-only material: color figure

In the published version of this paper, errors were made in plotting the spectra in Figure 6 although the numbers in Table 1 are correct. The corrected figure is included here.

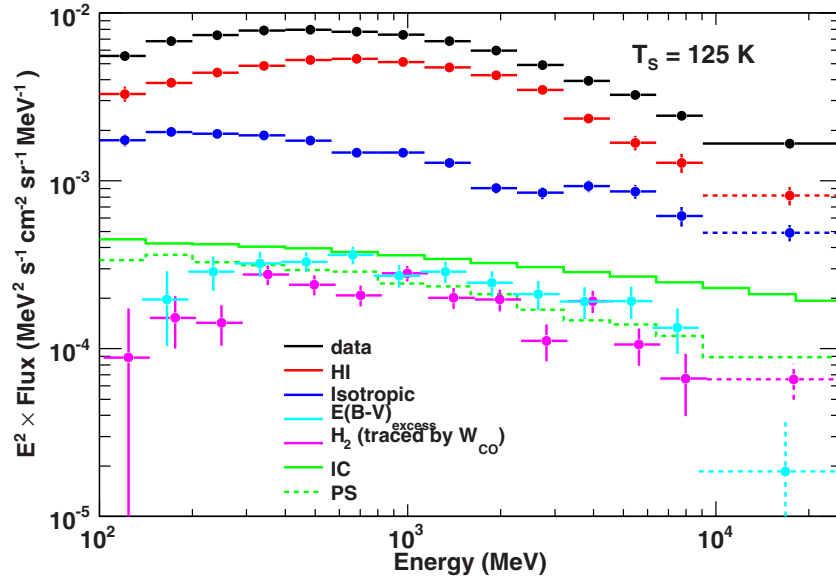


Figure 6. γ -ray spectra over the region of interest obtained from data and from the fitted model (for each gas phase, IC, and isotropic components, and for point sources).

(A color version of this figure is available in the online journal.)

⁴³ Royal Swedish Academy of Sciences Research Fellow, funded by a grant from the K. A. Wallenberg Foundation.

⁴⁴ Partially supported by the International Doctorate on Astroparticle Physics (IDAPP) program.