

three of these isotopes, other fission products and naturally occurring radionuclides are considered briefly.

For the novice in this field, an excellent introduction is presented on both the nature of the internal radiation hazard in terms of the biological effects and on the criteria for evaluating radiation hazards. For the health physicist and the medical personnel who have the responsibility of dealing with the problem of a population exposed to radioactive contamination, there is a wealth of useful information collated in this book. The final section on remedial measures summarizes the present state of knowledge or ignorance on how to minimize this new hazard to the population. Most of the book deals with the assessment of this hazard. It is clear that, to date, relatively little progress has been made on techniques for dealing effectively with this problem. A great deal more research needs to be carried out in this important field. The subject matter of this book represents one of the newer interdisciplinary fields where active collaboration among biologists, chemists, physicists, nutritionists,

agriculturists, medical people, health physicists, and others is required. Certainly the data so effectively presented in *Radioactivity and Human Diet* go a long way to provide the background for an organized, intelligent approach to how to live in what will surely be an increasingly radioactive environment.

About the Reviewer: Stanton H. Cohn joined the staff of the Medical Physics Division at Brookhaven National Laboratory in 1958, where he has worked in the fields of chemical dynamics of the mineral metabolism of bone, and the distribution and biological effects of internally deposited radioisotopes. In March 1954, he was a member of the US Navy Medical Team which provided medical treatment for the Marshallese accidentally exposed to fallout. He has been associated with surveys of these islands since, particularly with assessing the internal radiation hazard from ingestion of contaminated food. His PhD in physiology and radiobiology is from the University of California (1952).

BOOK ANNOUNCEMENTS

Although the following books will not be reviewed, they may be of interest to some of our readers:

Reliability Handbook, W. Grant Ireson, ed., McGraw-Hill, 1966, 720 pp, \$22.50

Particle Waves and Deformation in Crystalline Solids, Edwin R. Fitzgerald, John Wiley & Sons, 1966, 249 pp, \$11.95

Radioisotope Instruments in Industry and Geophysics, International Atomic Energy Agency, 1966, Vol. I, 577 pp, \$12.00; Vol. II, 477 pp, \$10.00

Of all these books
The one called *Grooks*
By Piet Hein,
That poet fine,
We like the best
(From the MIT Press).

Corrigendum

Seymour Lieblein and James H. Diedrich, "Material and Geometry Aspects of Space Radiators," *Nucl. Appl.*, 3, 82 (1967).

The labels on the diagram in Fig. 2, Page 83 were to appear as shown at right:

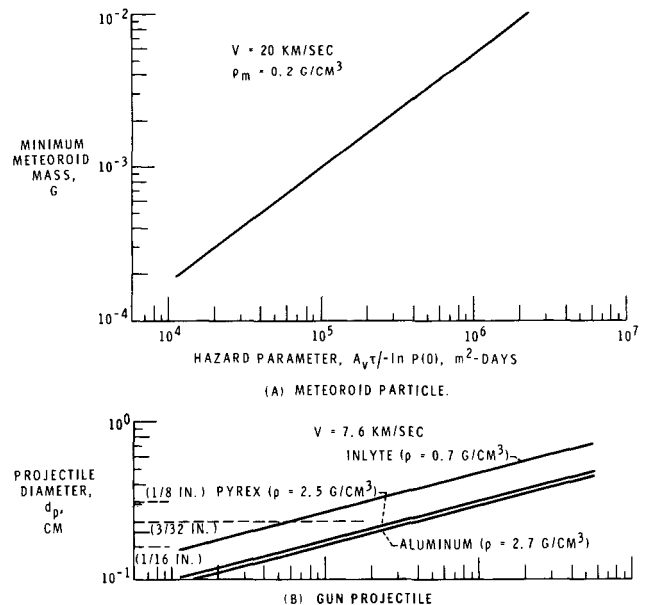


Fig. 2. Meteoroid and projectile-particle variation for equal kinetic energy. (a) meteoroid particle (b) gun projectile.