

**Radiation Physics for Personnel and Environmental Protection**

J. Donald Cossairt

*Fermi National Accelerator Laboratory*  
*P. O. Box 500, Batavia, IL 60510*

**Chapter 1**

P. 41 – Eq. (3.2) should be  $\frac{dH_{equiv}}{dt} = 1.6 \times 10^{-4} \phi$  and  $dH_{equiv}/dt$  should replace  $dH/dt$  in the text in two places below this equation on this page.

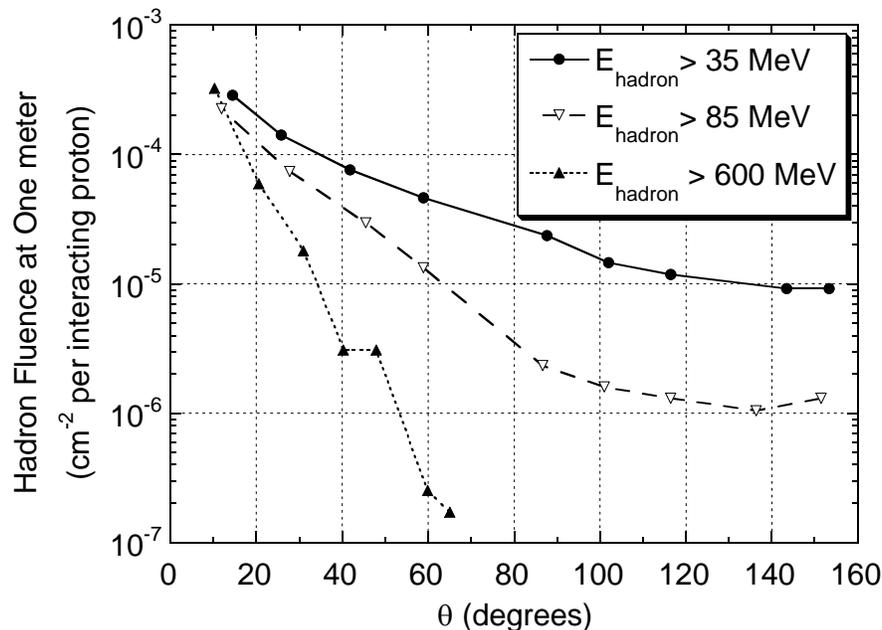
**Chapter 3**

P. 80 – The second sentence in the statement of Problem 5 should be replaced with: “Also use Table 3.1 to estimate the dose equivalent rate at  $r=2.0$  m.”

**Chapter 4**

P. 87 – The following sentence should be added to the text just above Fig. 4.5: “Fig. 4.7 gives results normalized to the number of interacting particles while Fig. 4.8 present results normalized to the number of particles incident on a particular target.”

P. 88 – Fig. 4.7 was incorrectly replotted by the author of TM 1834. It should be replaced with:



## **Chapter 6**

P. 155 – Section 1926.2.1 is mislabeled, it should be Section 6.2.1.

P. 161 – Above Table 6.3 the following sentence should be inserted: “(Ilmenite is a mineral containing iron and titanium oxide;  $\text{FeTiO}_3$ .)”

## **Appendix A**

P. 278 – In the second line of the description of the code CASIM, “w extended” should be replaced with “was extended”.

## **References**

P. 305 – Reference (Wi03) is not in the correct place on the page.