P. Morse and H. Feshbach, *Methods of Theoretical Physics*, McGraw-Hill, New York, 1953, p. 1236.

24. W.R. Nelson, H. Hirayama and D.W.O. Rogers, "The EGS4 Code System," SLAC-265, Stanford Linear Accelerator Center (Dec. 1985).
25. D. Hitlin *et al.*, Nucl. Instr. and Meth. **137**, 225 (1976). See also W. J. Willis and V. Radeka, Nucl. Instr. and Meth. **120**, 221 (1974), for a more detailed discussion.
26. E. Bloom and C. Peck, Ann. Rev. Nucl. and Part. Sci. **33**, 143 (1983).
27. M.A. Akrawy *et al.*, Nucl. Instr. and Meth. **A290**, 76 (1990).
28. H. Burkhardt *et al.*, Nucl. Instr. and Meth. **A268**, 116 (1988).
29. W. Hoffman *et al.*, Nucl. Instr. and Meth. **163**, 77 (1979).
30. M.A. Schneegans *et al.*, Nucl. Instr. and Meth. **193**, 445 (1982).
31. C. Fabjan and R. Wigmans, Rept. Prog. Phys. **52**, 1519 (1989).
32. J.V. Allaby *et al.*, Nucl. Instr. and Meth. **A281**, 291 (1989).
33. R. Wigmans, Nucl. Instr. and Meth. **A259**, 389 (1987).
34. R. Wigmans, Nucl. Instr. and Meth. **A265**, 273 (1988).
35. D. Bintinger, in *Proceedings of the Workshop on Calorimetry for the Supercollider*, Tuscaloosa, AL, March 13–17, 1989, edited by R. Donaldson and M.G.D. Gilchriese (World Scientific, Teaneck, NJ, 1989), p. 91.
36. T.A. Gabriel, D.E. Groom, P.K. Job, N.V. Mokhov, and G.R. Stevenson, Nucl. Instr. and Meth. **A338**, 336 (1994).
37. R.K. Bock, T. Hansl-Kozanecka, and T.P. Shah, Nucl. Instr. and Meth. **186**, 533 (1981).
38. T. Akesson *et al.*, Nucl. Instr. and Meth. **A262**, 243 (1987).
39. E. Bernardi *et al.*, Nucl. Instr. and Meth. **A262**, 229 (1987).
40. W.W.M. Allison and J.H. Cobb, "Relativistic Charged Particle Identification by Energy-Loss," Ann. Rev. Nucl. Sci. **30**, 253 (1980), see p. 287.
41. E. Shibamura *et al.*, Nucl. Instr. and Meth. **131**, 249 (1975).
42. T.G. Ryan and G.R. Freeman, J. Chem. Phys. **68**, 5144 (1978).
43. W.F. Schmidt, "Electron Migration in Liquids and Gases," HMI B156 (1974).
44. A.O. Allen, "Drift Mobilities and Conduction Band Energies of Excess Electrons in Dielectric Liquids," NSRDS-NBS-58 (1976).
45. R.L. Gluckstern, Nucl. Instr. and Meth. **24**, 381 (1963).
46. M.A. Green, R.A. Byrns, and S.J. St. Lorant, "Estimating the cost of superconducting magnets and the refrigerators needed to keep them cold," in *Advances in Cryogenic Engineering*, Vol. 37, Plenum Press, New York (1992).
47. Vector Fields, Inc., 1700 N. Farnsworth Ave., Aurora, IL.
48. Swanson Analysis Systems, Inc., P.O. Box 65, Johnson Rd., Houston, PA.
49. CGA-341-1987, "Standard for insulated cargo tank specification for cryogenic liquids," Compressed Gas Association, Inc., Arlington, VA (1987).
50. Report of the Task Force on Radiation Levels in the SSC Interaction Regions, SSC Central Design Group Report SSC-SR-1033 (June 1988). Abridged versions of this report may be found in Nucl. Instr. and Meth. **A279**, 1 (1989) and in *Proceedings of the 1988 Summer Study on High Energy Physics in the 1990's*, Snowmass, CO, June 27 – July 15, 1990, edited by F.J. Gilman and S. Jensen, (World Scientific, Teaneck, NJ, 1989).