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Figure 6-4. Dicentric chromosome yield as a function of radiation dose. Yields of dicentric chromosome formation per 100 lymphocytes in metaphase are shown for the following conditions: (A) alpha radiation, (B) neutron radiation, (C) high-dose-rate X radiation, (D) low-dose-rate gamma radiation, (E) high-dose-rate gamma radiation, (F) high-dose-rate gamma radiation, and (G) low-dose-rate gamma radiation. Differences between laboratories are apparent in comparison of curves D and G showing low-dose-rate gamma radiation and curves of E and F showing high-dose-rate gamma radiation. Source: redrawn; used by permission from references 57 and 59.

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