

Standard Data of Dose Conversion Coefficients in Japan

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“Radiation dose conversion coefficients for radiation shielding calculations: 2004” has been published by the Standard Committee in the Atomic Energy Society of Japan. This standard gives effective dose conversion coefficients based largely on the ICRP recommendations in 1990, and the conversion coefficients evaluated in Japan to obtain effective dose for photons having energies up to 10 GeV and for neutrons having energies up to 5 GeV. This standard also gives group-wise dose conversion coefficients in the energy group structures of multigroup cross-section libraries frequently used in shielding calculations.