

effective thermal cross-section

A fictitious cross-section for a specified reaction, which, when multiplied by the 2200 metre-per-second flux density, gives the correct reaction rate for thermal neutrons.

See also: microscopic cross-section

Source:

PAC, 1994, 66, 2513 (*Nomenclature for radioanalytical chemistry (IUPAC Recommendations 1994)*) on page 2517

Orange Book, p. 218