

conversion spectrum

A plot of a quantity related to the absorption (absorbance, cross section, etc.) multiplied by the quantum yield for the considered process against a suitable measure of photon energy, such as frequency, ν , wavenumber, σ , or wavelength, λ , e.g. the conversion cross section, $\sigma\phi$, has the SI unit m^2 .

See also: action spectrum, efficiency spectrum, spectral effectiveness

Source:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2234