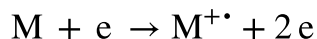


electron ionization

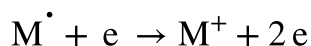
in mass spectrometry

This is the term used to describe ionization of any species by electrons. The process may, for example, be written:

- for atoms or molecules:



- for radicals:



The term 'electron impact' should not be used.

See: radical ion for a note concerning the symbolic representation of radical ions;

See also: photoionization

Source:

PAC, 1991, 63, 1541 (*Recommendations for nomenclature and symbolism for mass spectroscopy (including an appendix of terms used in vacuum technology)*. (*Recommendations 1991*)) on page 1547