

## **radiolysis**

The cleavage of one or several bonds resulting from exposure to high-energy radiation. The term is also often used loosely to specify the method of irradiation ('pulse radiolysis') used in any radiochemical reaction, not necessarily one involving bond cleavage.

**Source:**

PAC, 1994, 66, 1077 (*Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)*) on page 1156

PAC, 1994, 66, 2513 (*Nomenclature for radioanalytical chemistry (IUPAC Recommendations 1994)*) on page 2524