association reaction (associative combination)

*in mass spectrometry*

The reaction of a (slow moving) ion with a neutral species wherein the reactants combine to form a single ionized species.

**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 1555