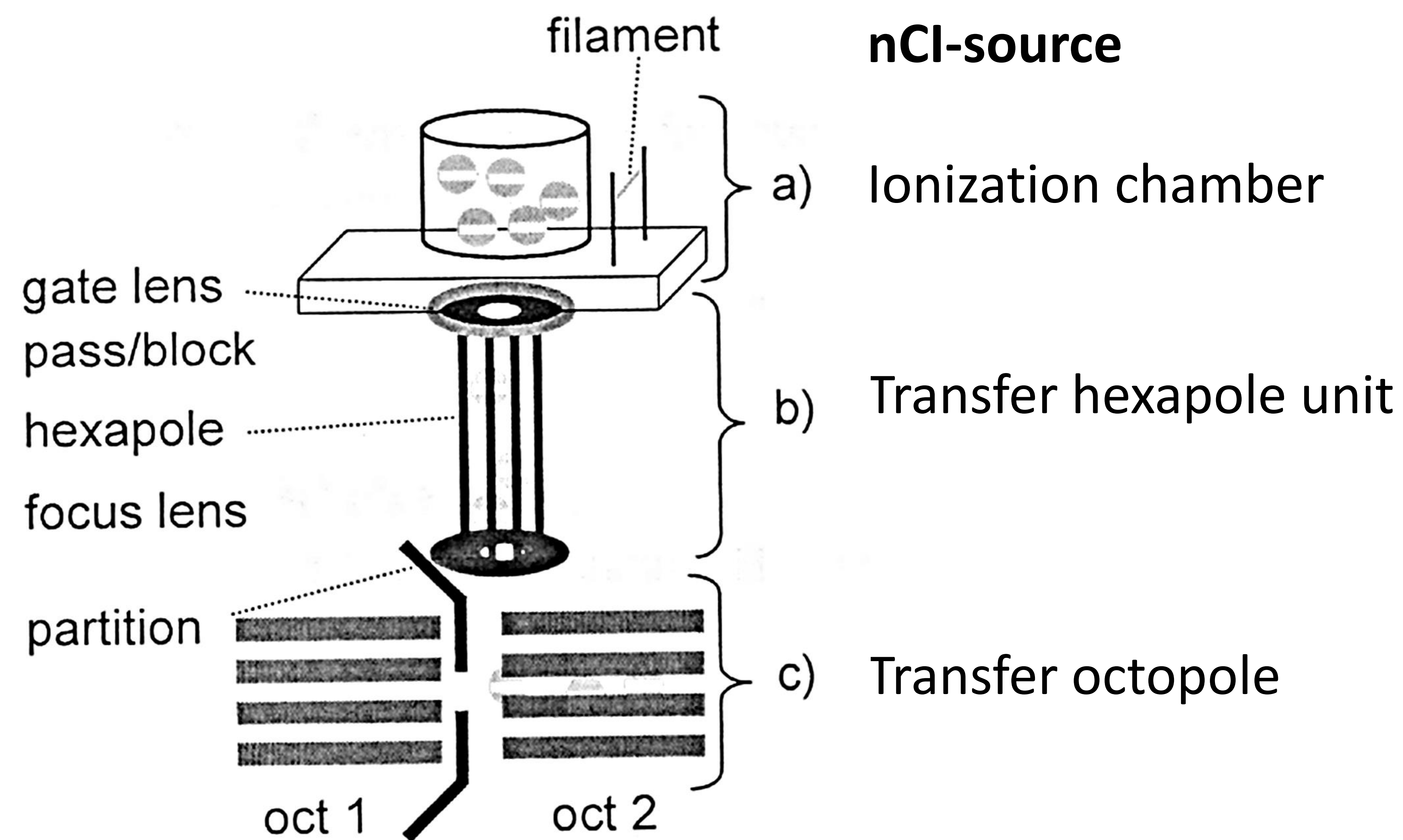
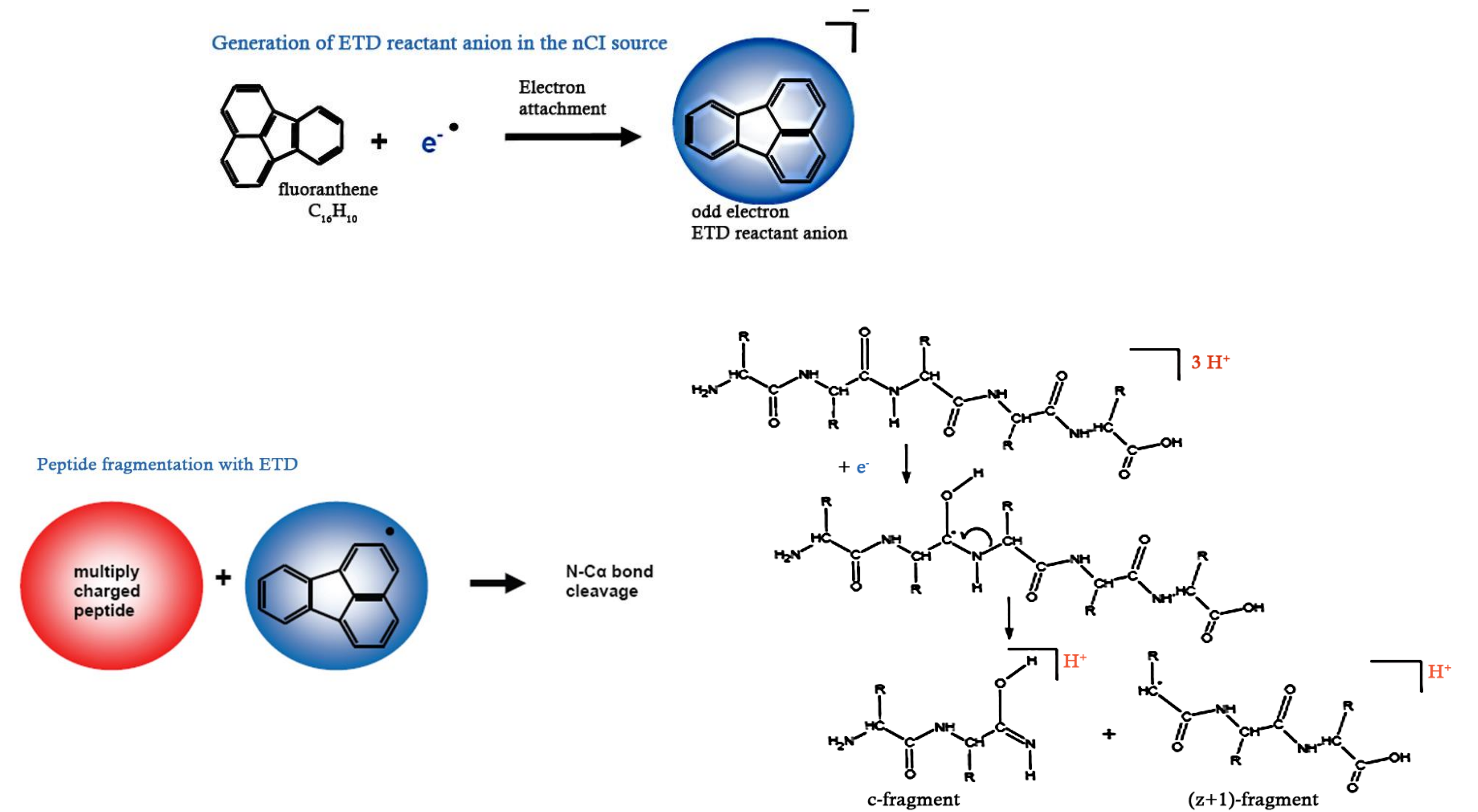
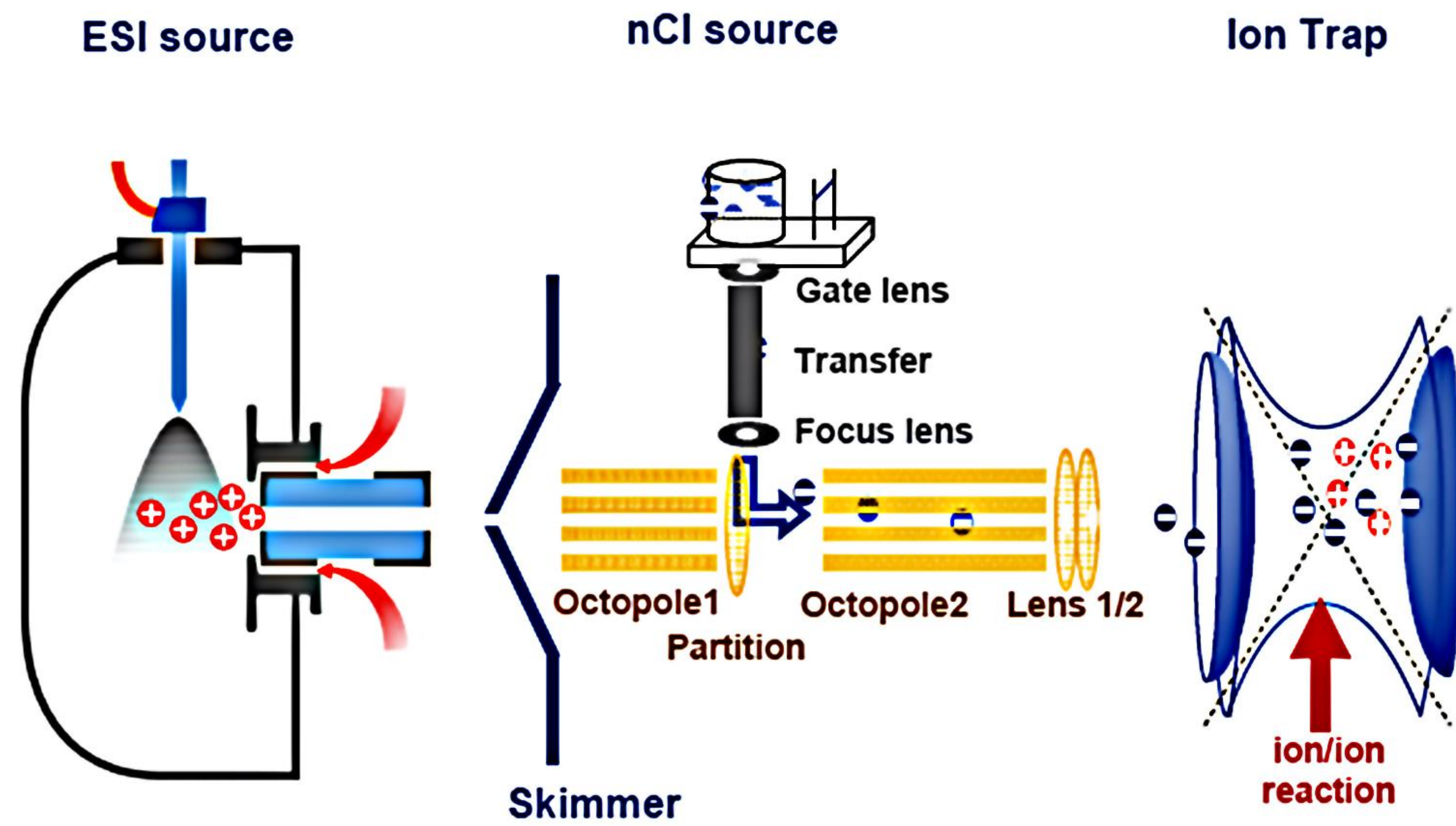


Electron Transfer Dissociation nCI Source Tuning



Reactant : 60 °C (fluoranthane)
 Ionization energy: 75 - 80 eV
 Emission current: 2-5 μ A
 Ionization chamber: -7 V - +4 V

Gate lens pass: -4 V - +10 V
 Gate lens block: -8 V - -12V
 Transfer (hexapole DC) : -5 V - +20 V

Focus Lens: -10 V - 0 V
 Partition: -4 V - +2 V
 Oct 1 DC: -20 V - -10 V
 Oct 2DC: -3 V - -0.5 V

Voltages for passing reactant anions : ionization chamber < focus < partition < oct2
 Voltages to focus anions: oct1 <<focus lens < partition < oct2