X-ray level

An electronic state occurring as the initial or final state of a process involving the absorption or emission of X-ray radiation. It represents a many-electron state which, in the purely atomic case, has total angular momentum \((J = L + S)\) as a well defined quantum number.

Source:
PAC, 1991, 63, 735 (Nomenclature, symbols, units and their usage in spectrochemical analysis - VIII. Nomenclature system for X-ray spectroscopy (Recommendations 1991)) on page 737