27 In a photoelectric effect experiment, the maximum kinetic energy of an emitted photoelectron from the metal surface is 9.0×10^{-20} J.

What is the minimum de Broglie wavelength of this electron?

A 3.6×10^{-10} m   B 7.2×10^{-10} m   C 8.1×10^{-9} m   D 1.6×10^{-9} m