

Blog Entry © Saturday April 4, 2026, by James Pate Williams, Jr., Hydrogen-like Radial Electron Distribution Functions in CPP

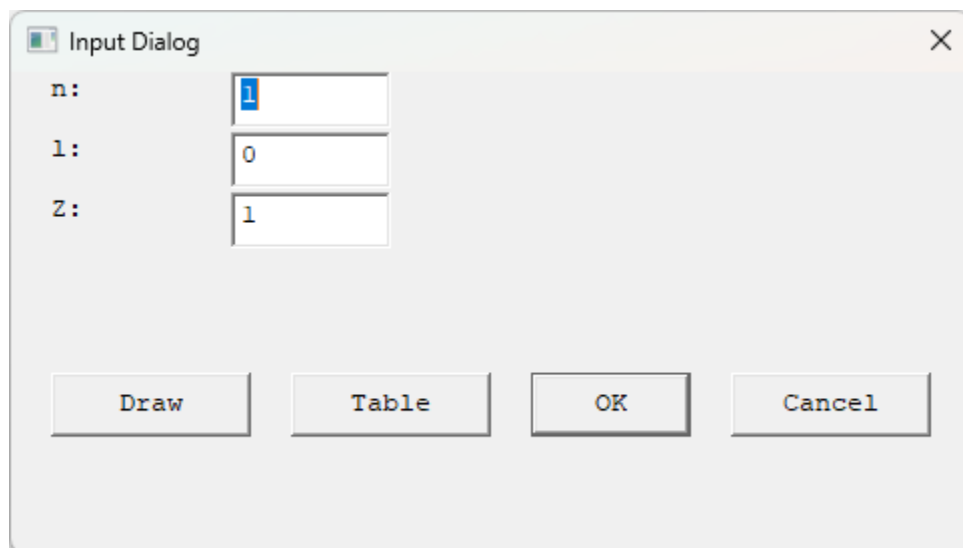
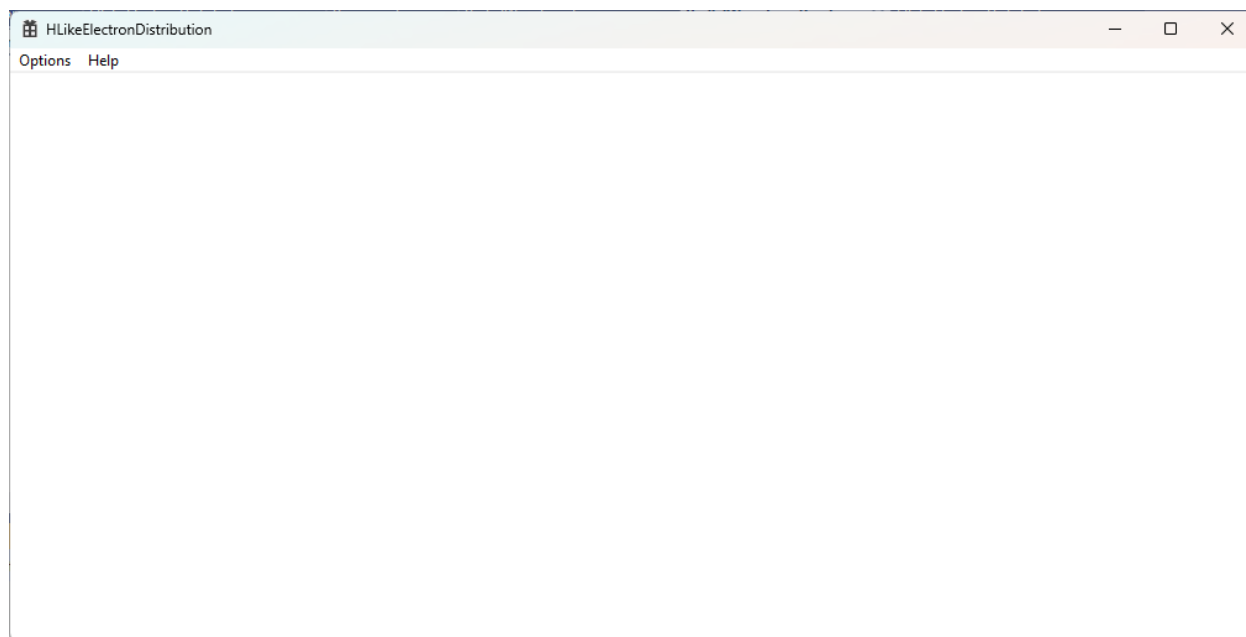


Figure 1 Opening and Input Dialogs

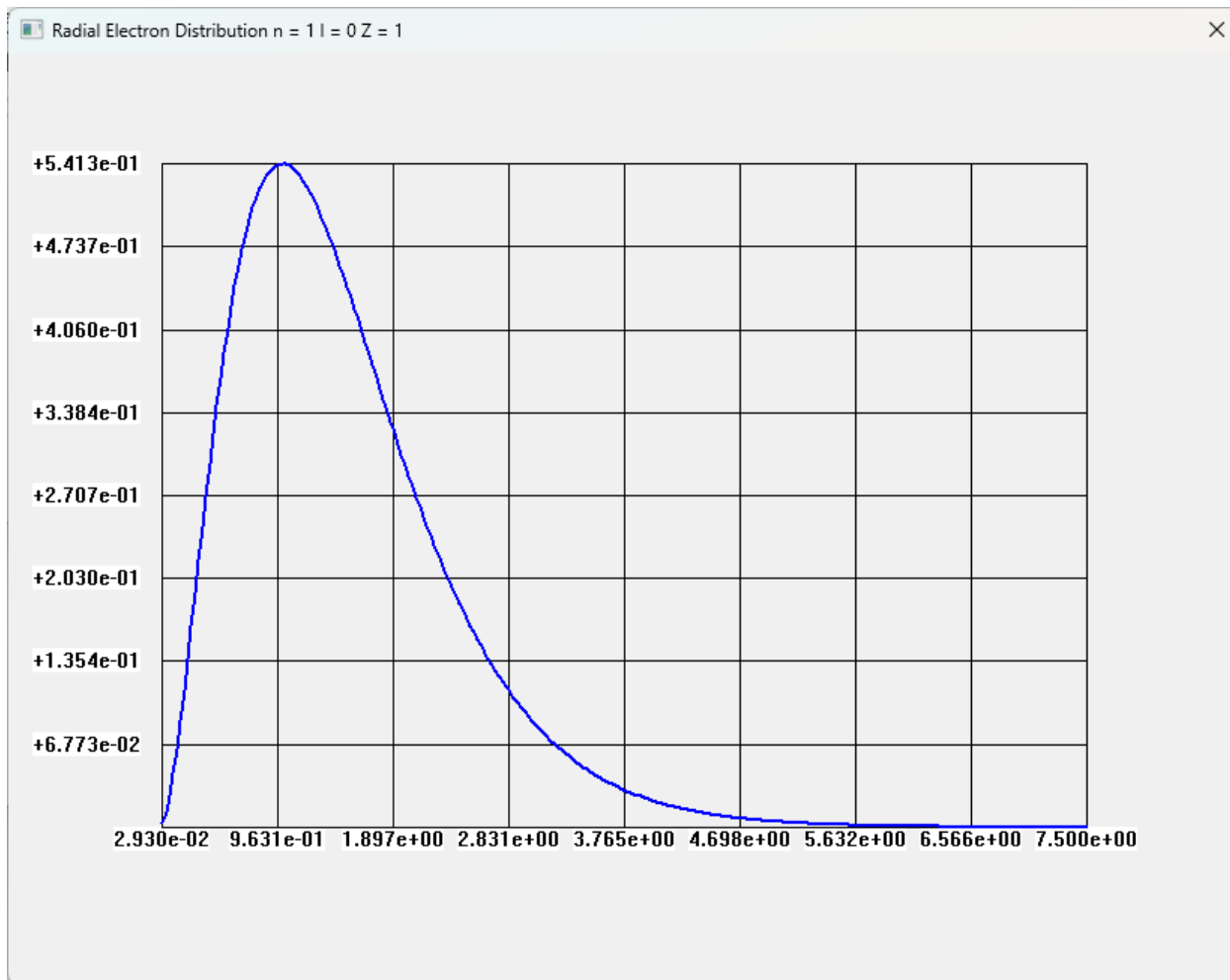


Figure 2 Radial Electron Distribution $n = 1, l = 0, Z = 1$

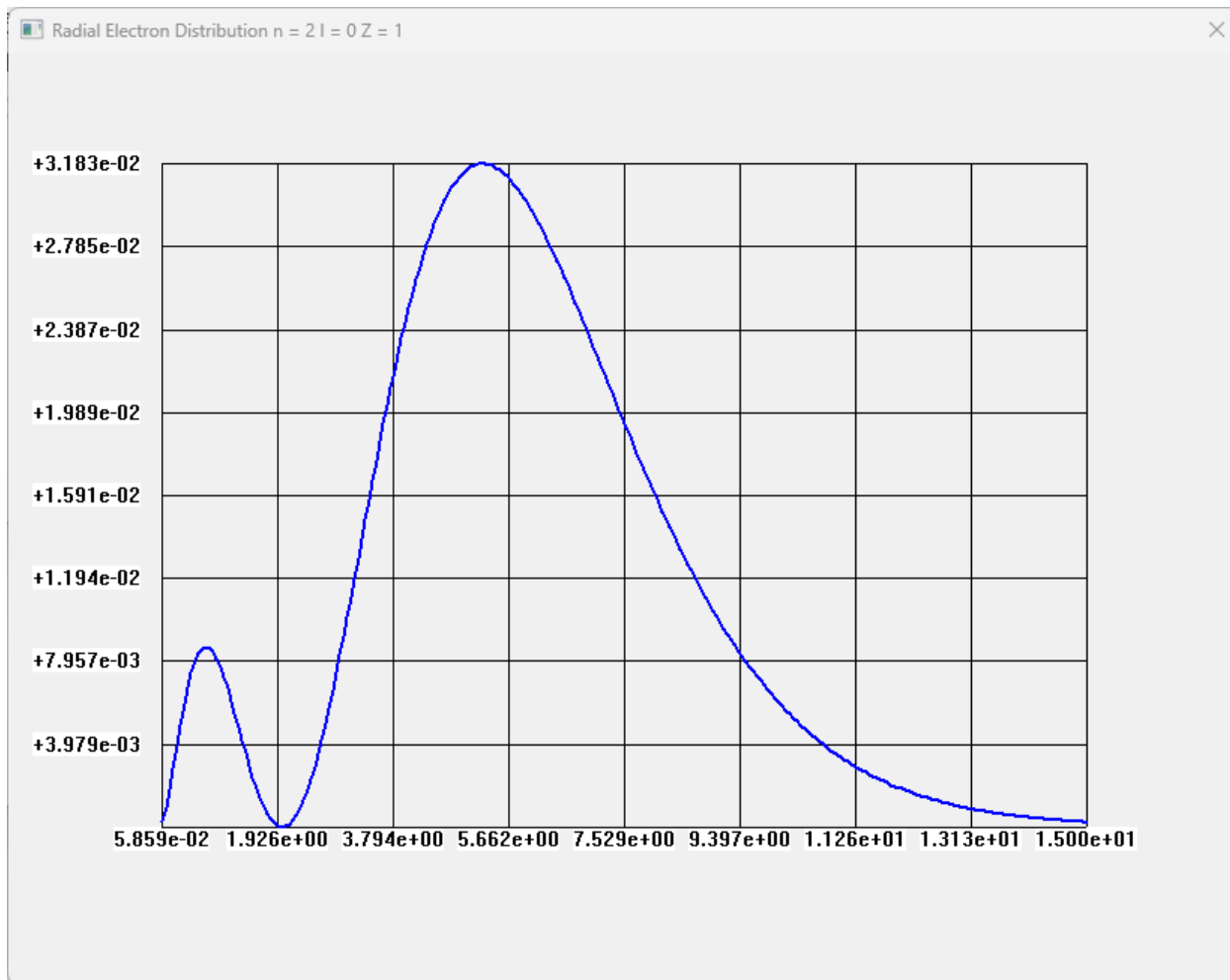


Figure 3 Radial Electron Distribution $n = 2, l = 0, Z = 1$

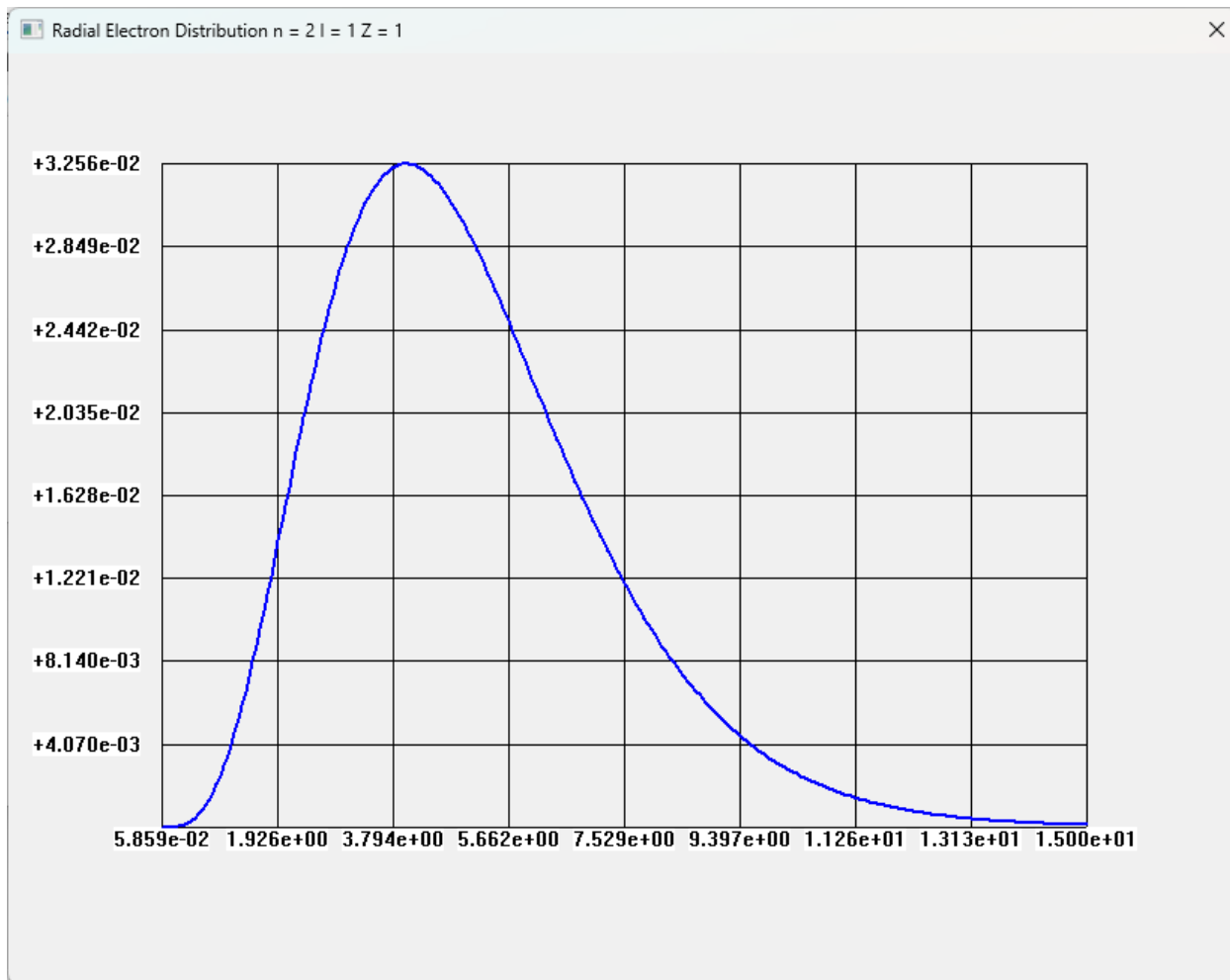


Figure 4 Radial Electron Distribution $n = 2$, $l = 1$, $Z = 1$

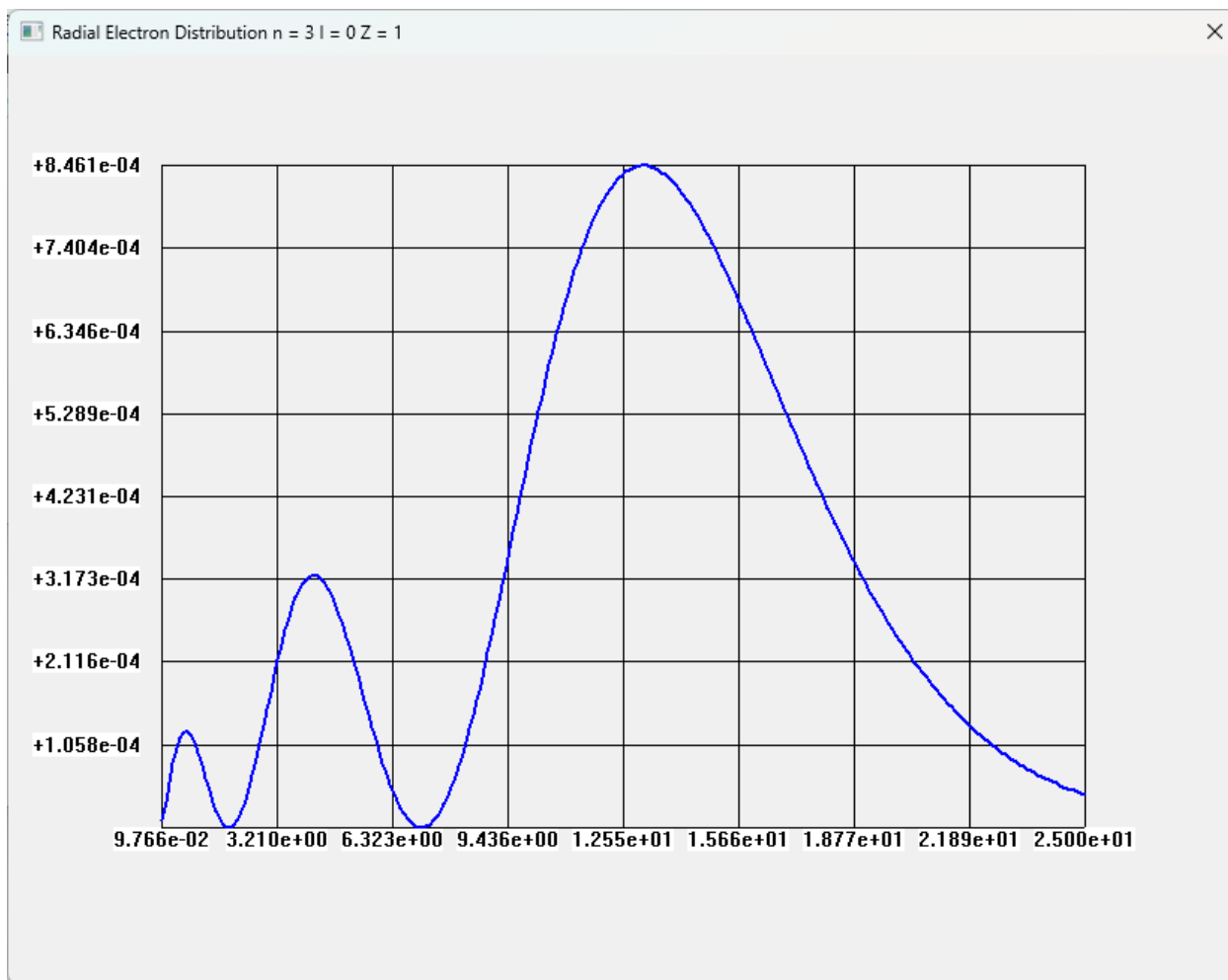


Figure 5 Radial Electron Distribution $n = 3, l = 0, Z = 1$

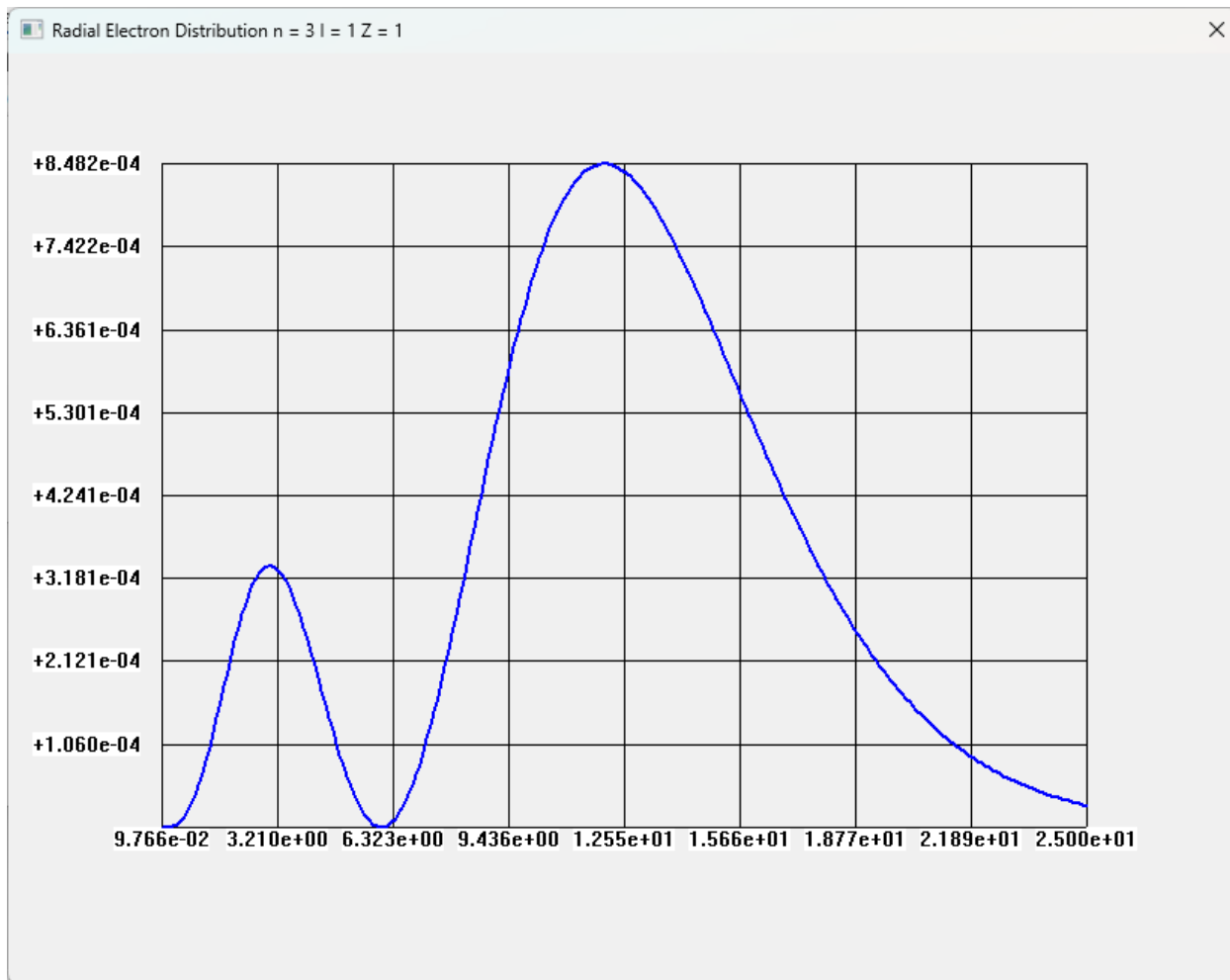


Figure 6 Radial Electron Distribution $n = 3, l = 1, Z = 1$

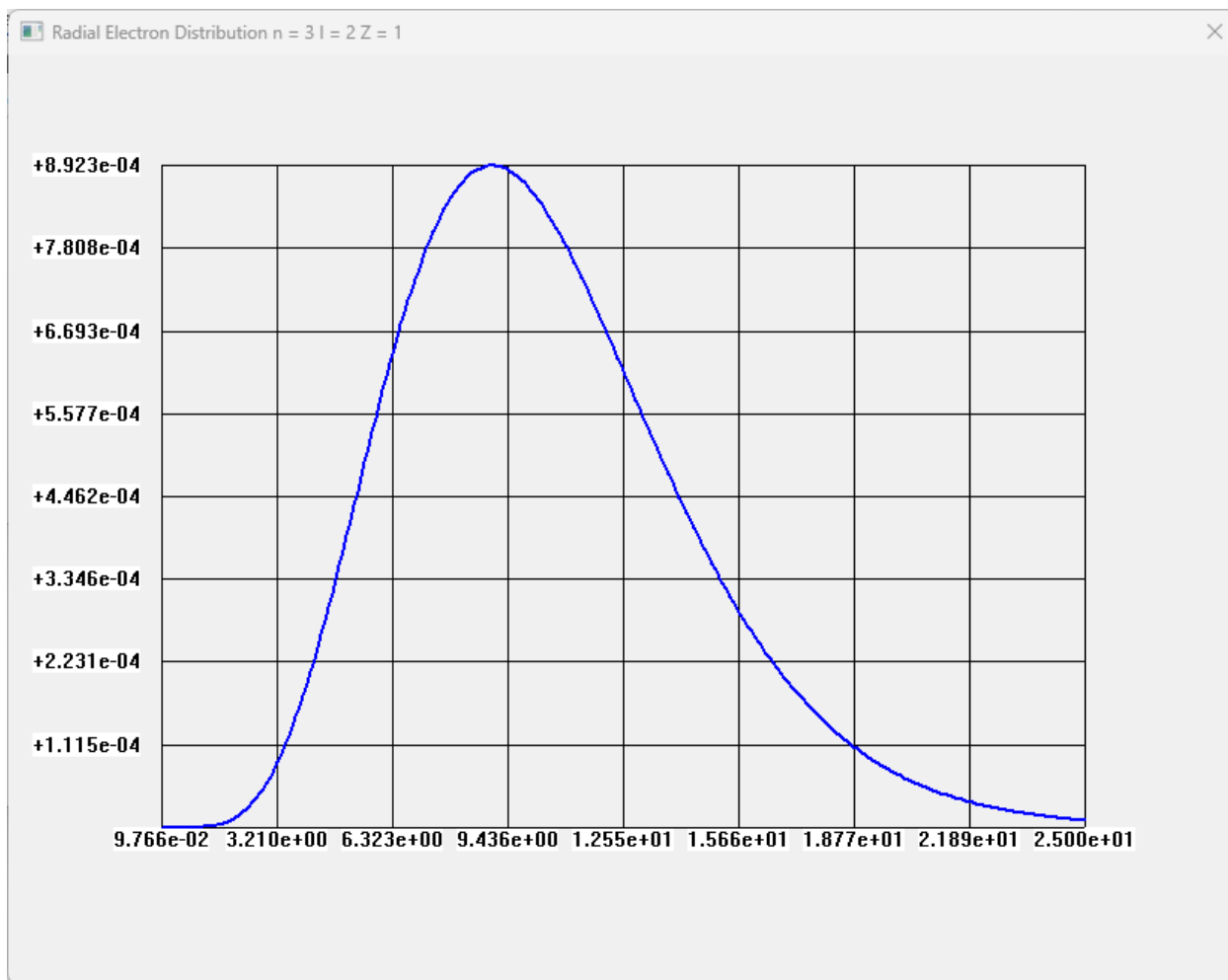


Figure 7 Radial Electron Distribution $n = 3, l = 2, Z = 1$

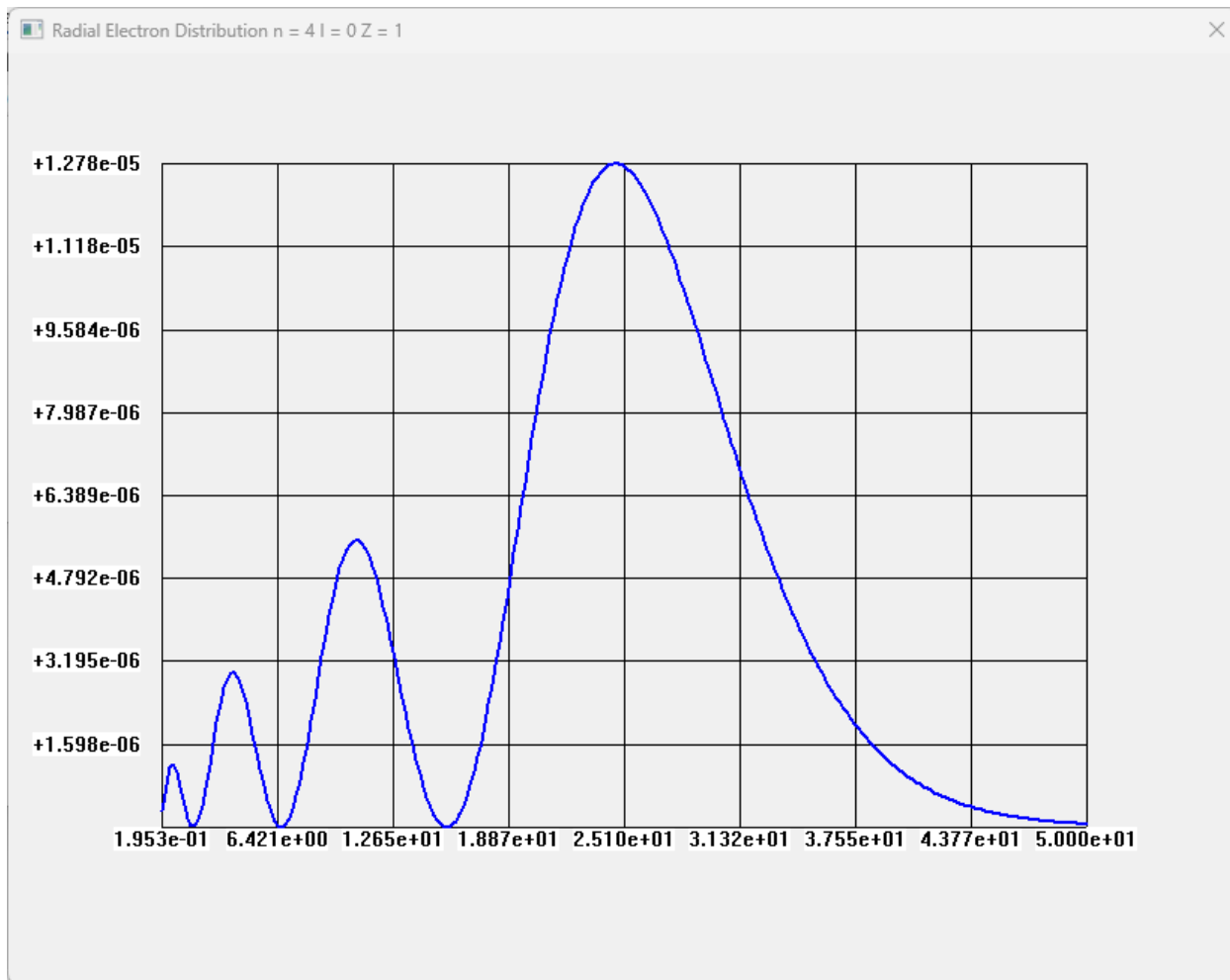


Figure 8 Radial Electron Distribution $n = 4, l = 0, Z = 1$

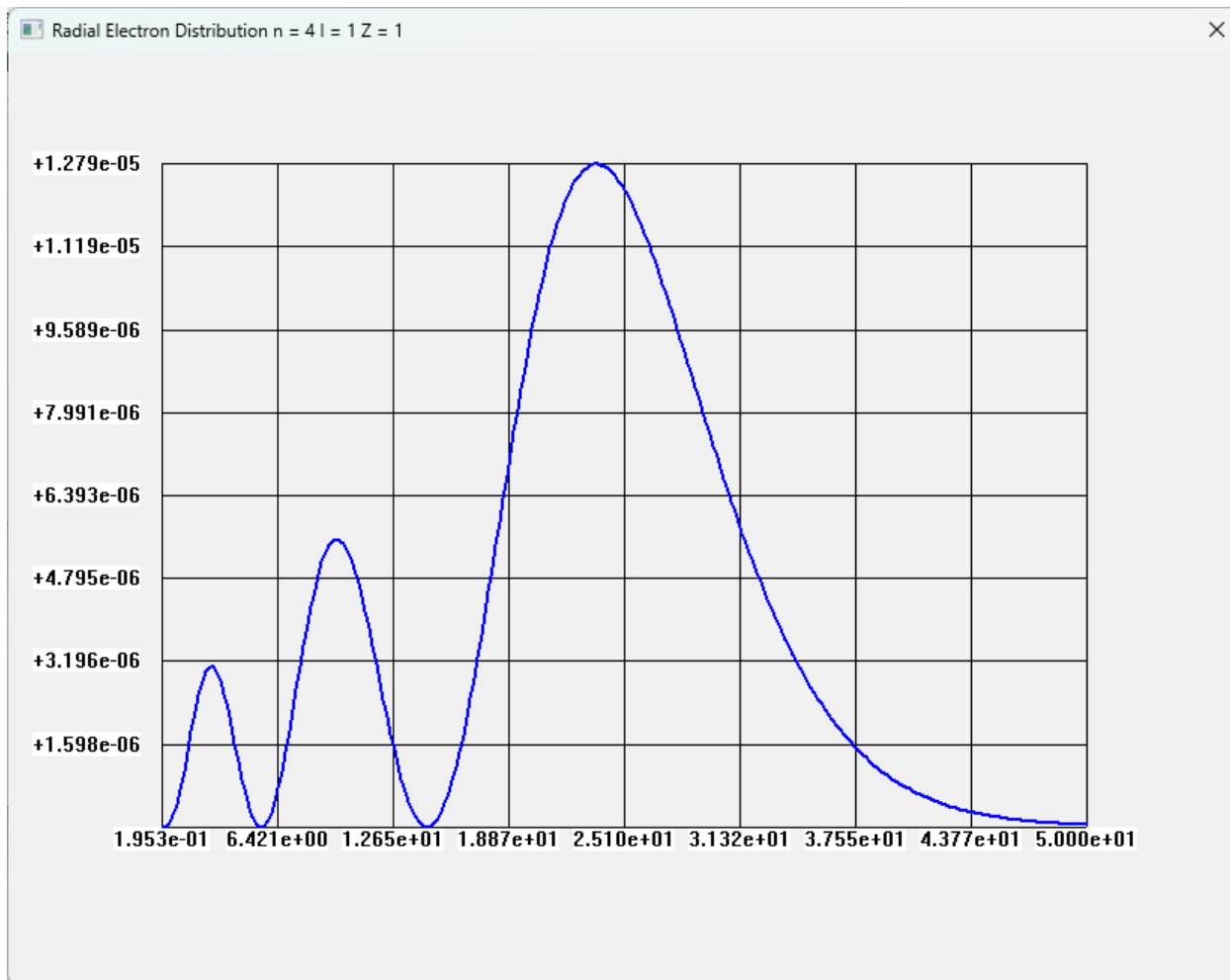


Figure 9 Radial Electron Distribution $n = 4$, $l = 1$, $Z = 1$

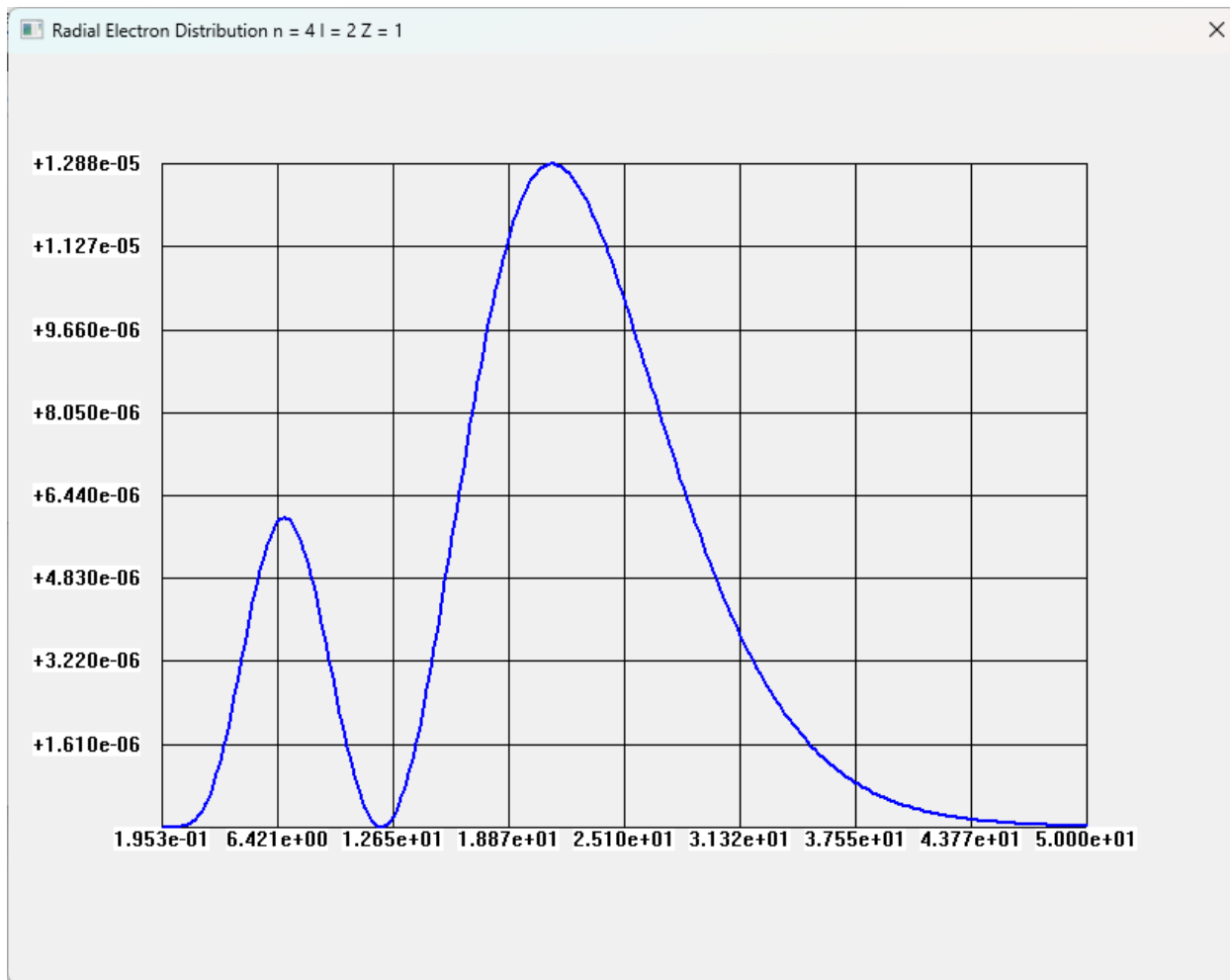


Figure 10 Radial Electron Distribution $n=4, l=2, Z=1$

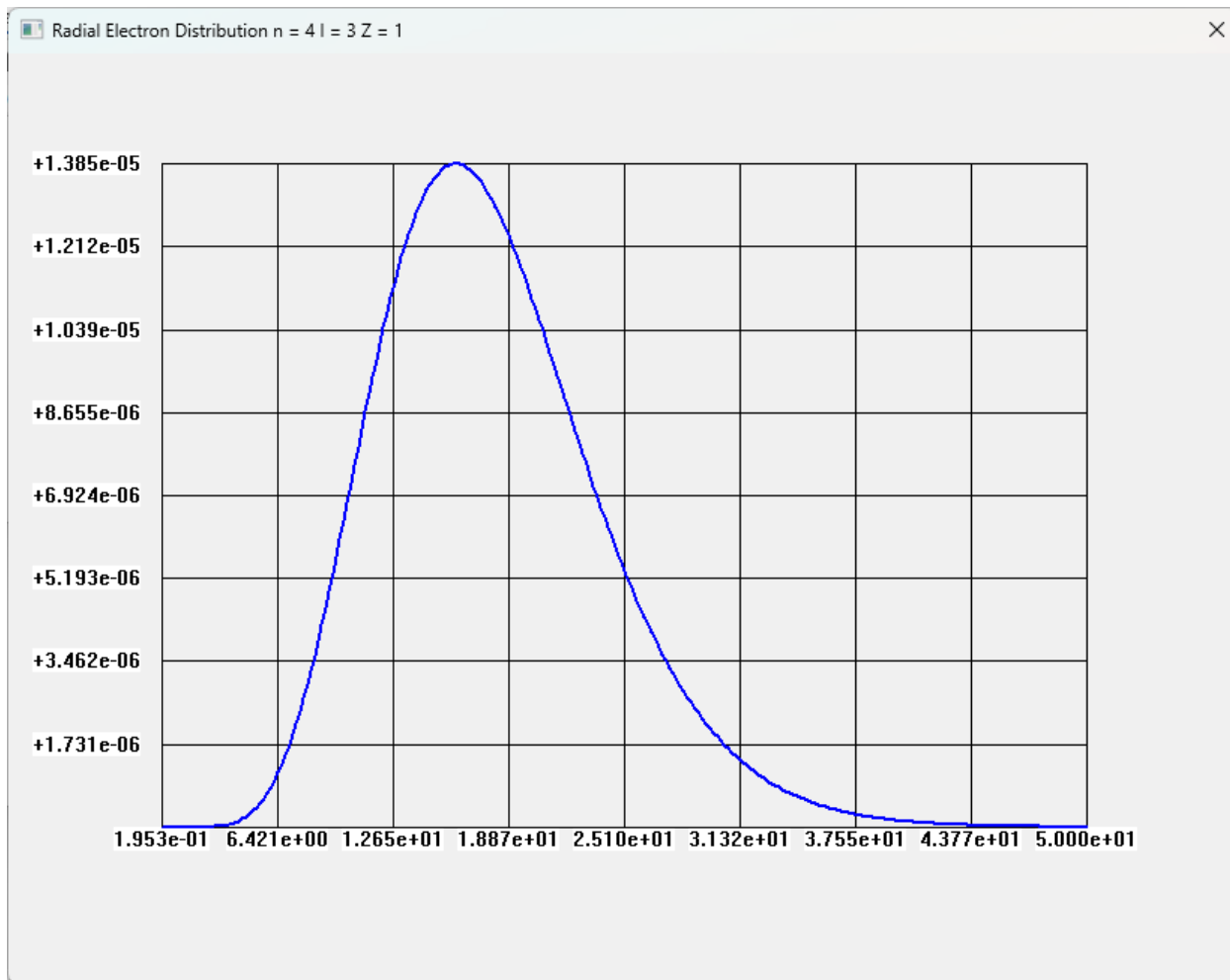


Figure 11 Radial Electron Distribution $n = 4$, $l = 3$, $Z = 1$

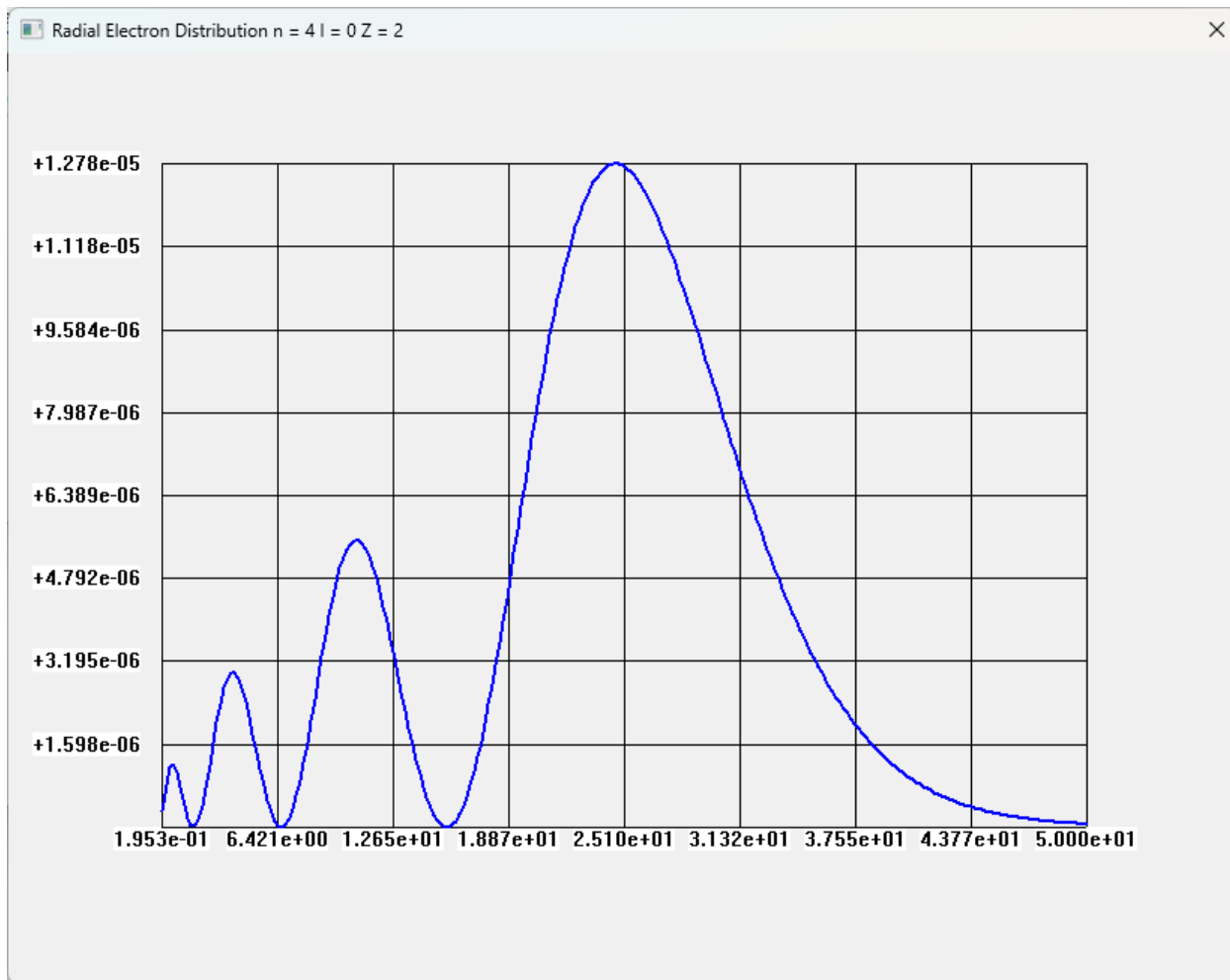


Figure 12 Radial Electron Distribution $n = 4, l = 0, Z = 2$