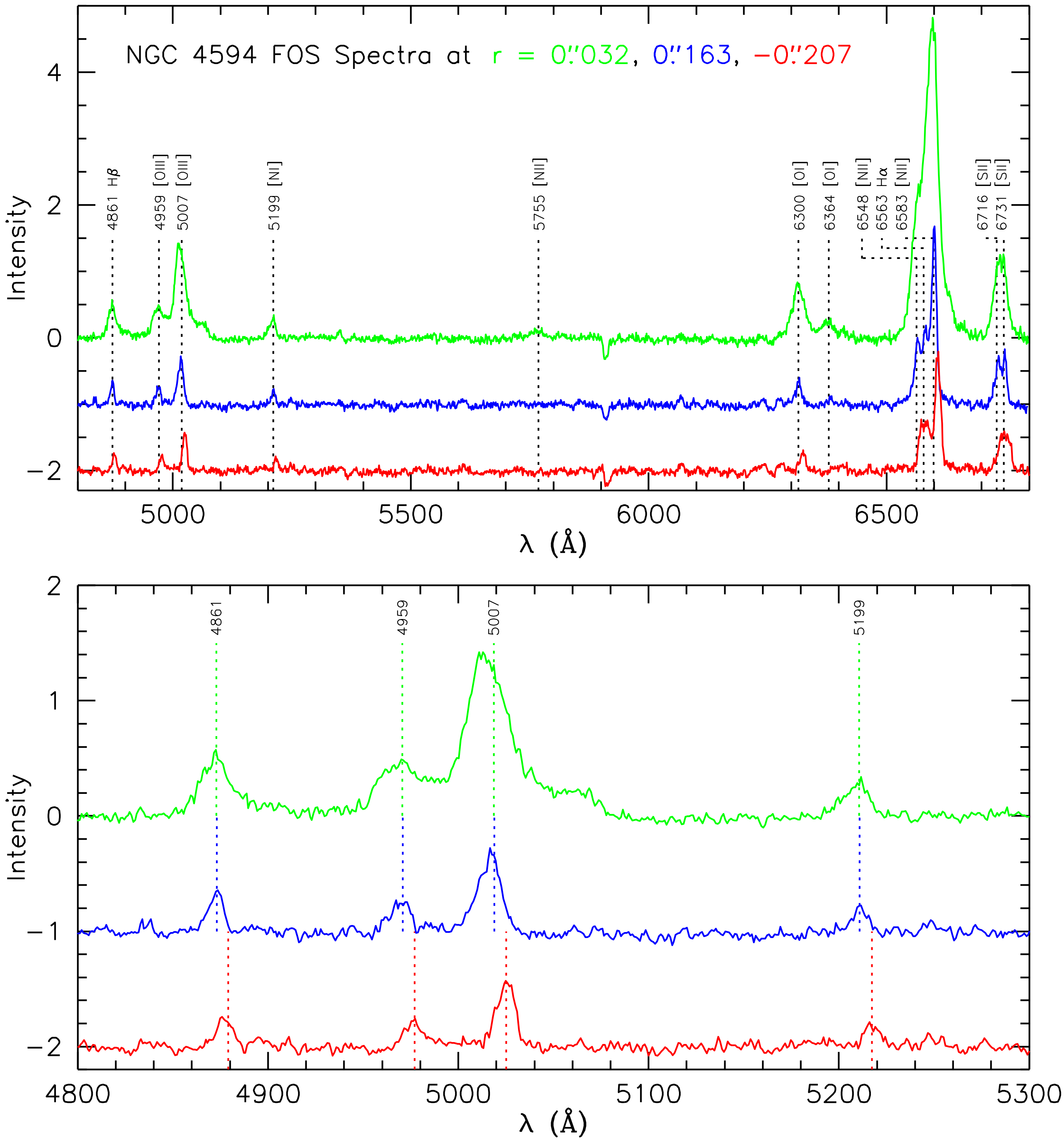

FIG. 3.—FOS emission-line spectra of NGC 4594, color-coded as in Figure 1. The underlying absorption-line spectra have been removed as in Filippenko & Sargent (1985): we subtracted an emission-line–less spectrum of a standard galaxy (NGC 3379) that had been velocity-shifted, broadened, and intensity-scaled to match the absorption-line spectrum of NGC 4594. All lines subtract well except Na I D λ 5892; we ascribe this to interstellar absorption. In the top panel, essentially the whole wavelength range is shown; the Seyfert characteristics discussed by Filippenko & Sargent (1985) are prominent. The dotted lines are plotted at the mean velocity adopted for the $r = 0\farcs032$ spectrum. The bottom panel shows Hβ, [OIII] λ 4959 and 5007, and [NI] λ 5199. Dotted lines indicate the adopted mean velocity at each radius. In the $r = 0\farcs032$, $0\farcs163$, and $-0\farcs207$ spectra, $\lambda\lambda$ 5007, 5007, and 4861, respectively, do not agree with the mean velocities derived from the other emission lines.