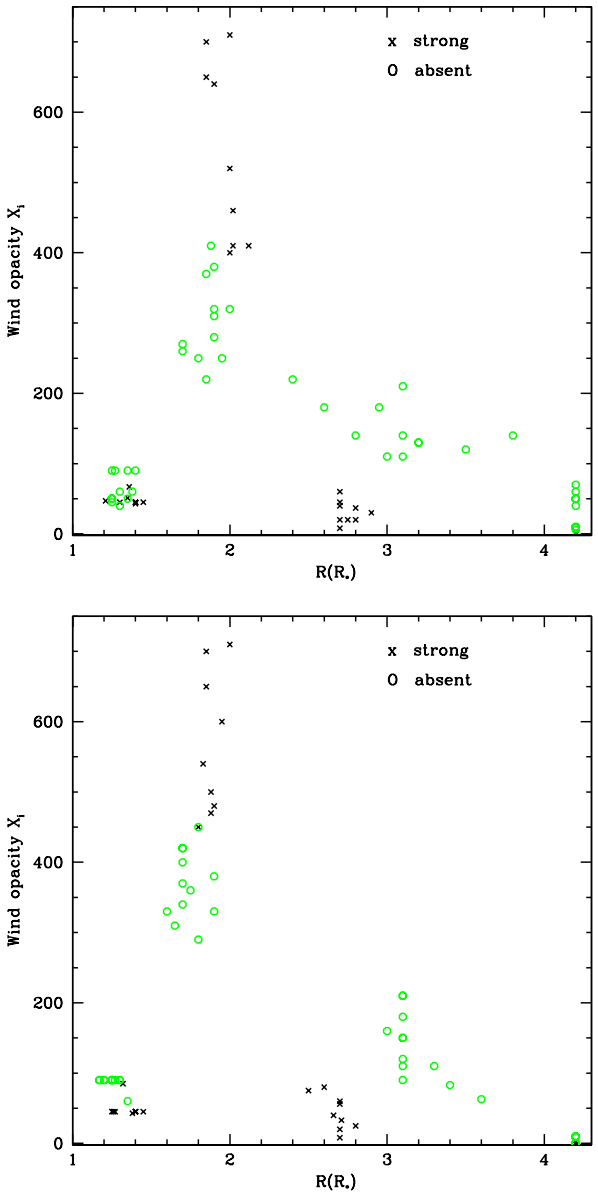


Fig. 9. Top: Same as previous figure, but showing only the values for the $s$ and $a$ profiles. Bottom: the same information, but this time from the model runs in which $V_{\max}$ was held constant and the fits were performed for only the $X_i$ and $R_i$ values. The color figure can be viewed online.

each epoch, which is also illustrated in Figure 10. Phases were all computed with the same ephemeris from Georgiev et al. (1999). This figure also shows that the phases of maximum $X_2$ and the amplitude of the variations differ from epoch to epoch. There is no significant difference in this figure if we plot the results obtained from the fits where $V_{\max}$ was held constant.

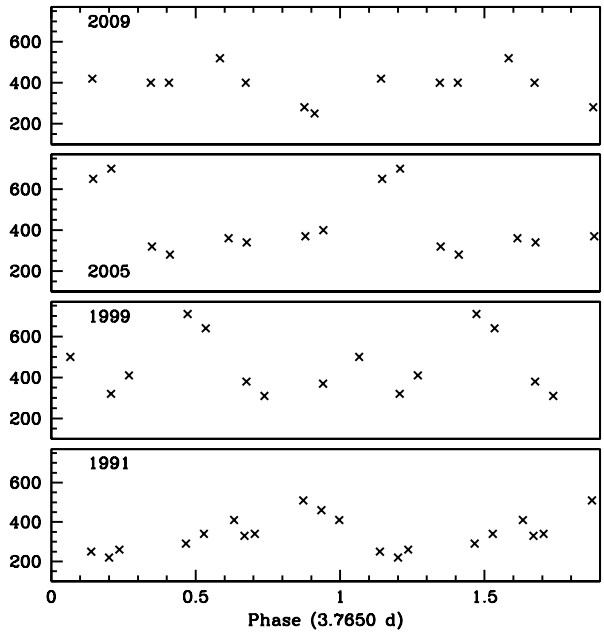


Fig. 10. Opacity parameter $X_2$ from the line-fits plotted as a function of 3.7650 d phase for each of the 4 observation epochs. A modulation is present in each epoch, but it is not coherent from one opoch to the next. Same data are plotted twice.

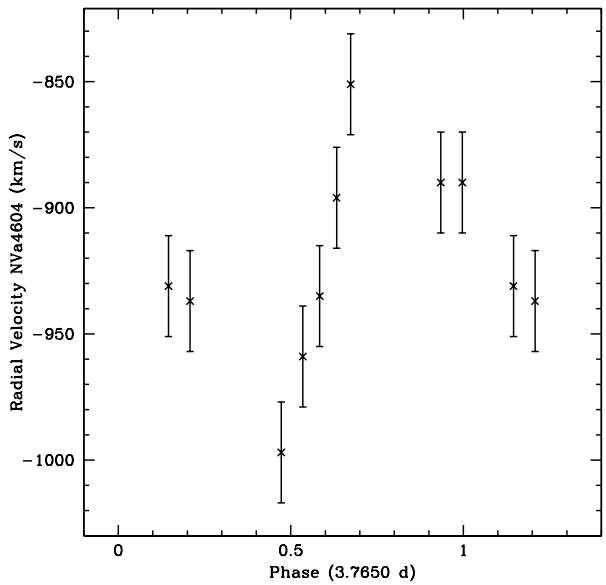


Fig. 11. Radial velocity variations of the N V 4604 P Cygni absorption component in the *strong* profiles plotted as a function of the 3.7650 d phase. A coherent variation over the 18 years of observations covered by these spectra is present.