

Erratum - Evidence for Planet-induced Chromospheric Activity on HD 179949

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We reported (ApJ, 597, 1092) the synchronous enhancement of Ca II H & K emission with the short-period planetary orbit in HD 179949. Figure 6 was published with an incorrect scaling factor. The new figure is shown here. This does not change the results and conclusions of the paper.

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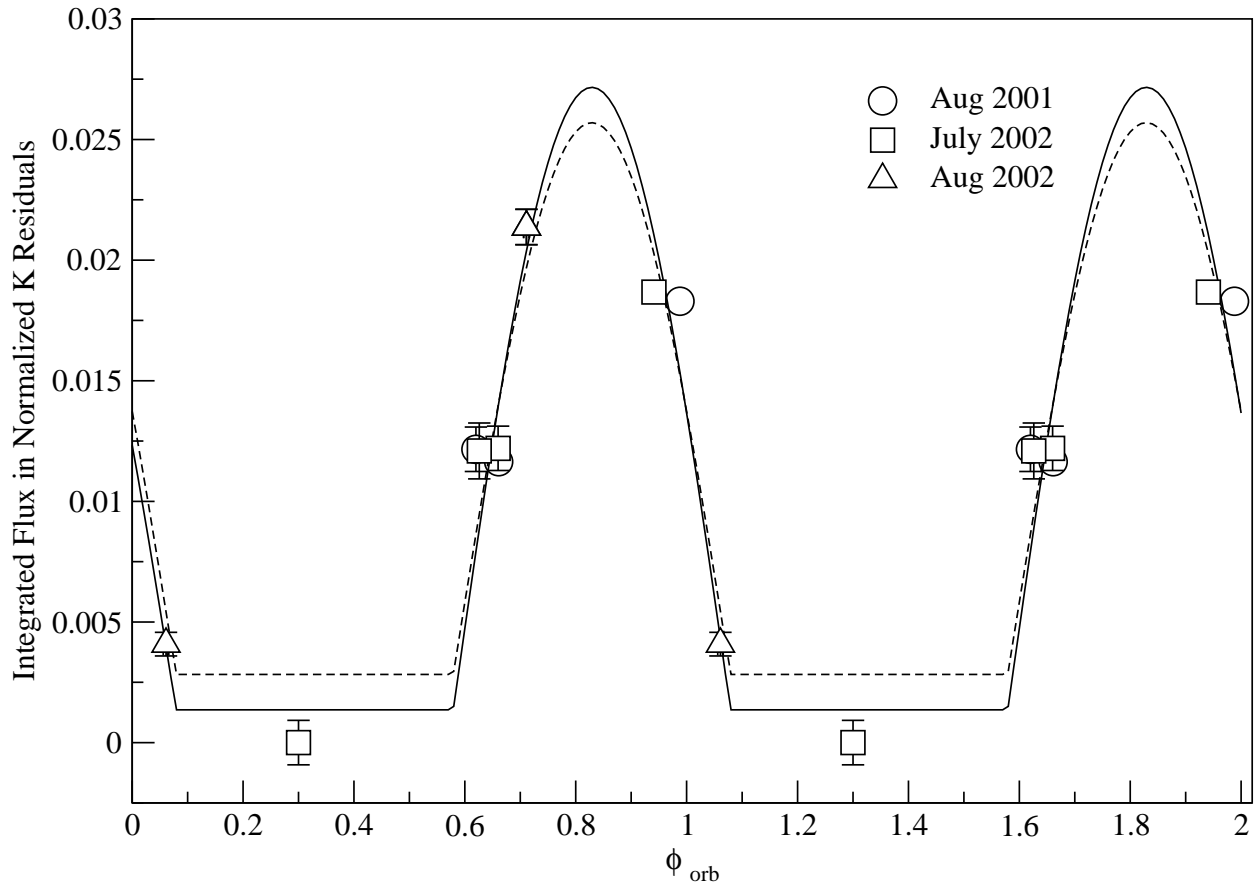


Fig. 1.— Integrated flux of the nine K-line residuals taken from a normalized mean spectrum. The minimum flux was set to zero and all others scaled accordingly. The size of the points is the size of the error bars. The solid line is the best-fit bright-spot model discussed in the text with the spot at a latitude of 30° and stellar inclination angle $i = 87^\circ$. The dashed line is a model with $i = 83^\circ$. Units of the integrated flux are in equivalent angstroms relative to the normalization level which is approximately $1/3$ of the stellar continuum.