

UV Line Emission of 44i Bootis

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We obtained a UV light curves of 44i Bootis, a W UMa type star from the IUE low dispersion spectra. In order to investigate variations of the emission lines from chromospheric activity and transition region, UV line intensity has been measured for NV, CI, CII, CIV, SiIV, HeII lines. Through plotting the line intensity with the orbital phase, we found that emission lines showed maximum at 0.p2 and 0.p78 of the light curves, indicating the chromospheric activity of contact binary, 44i Bootis.