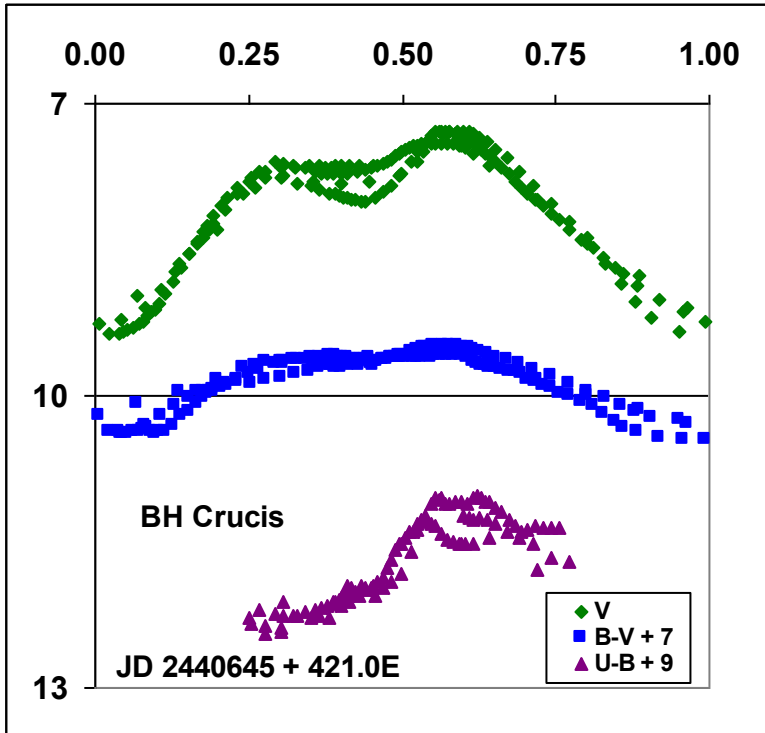
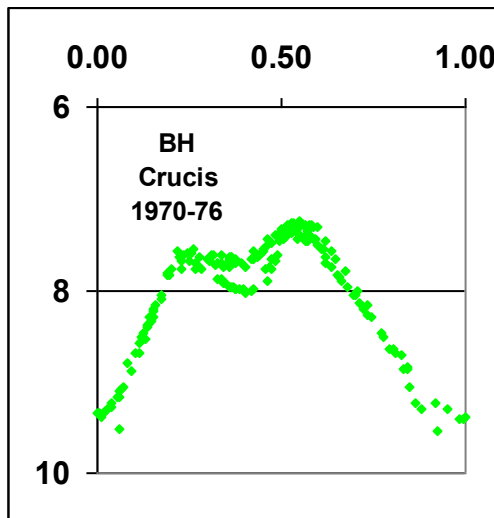


BH CRUCIS

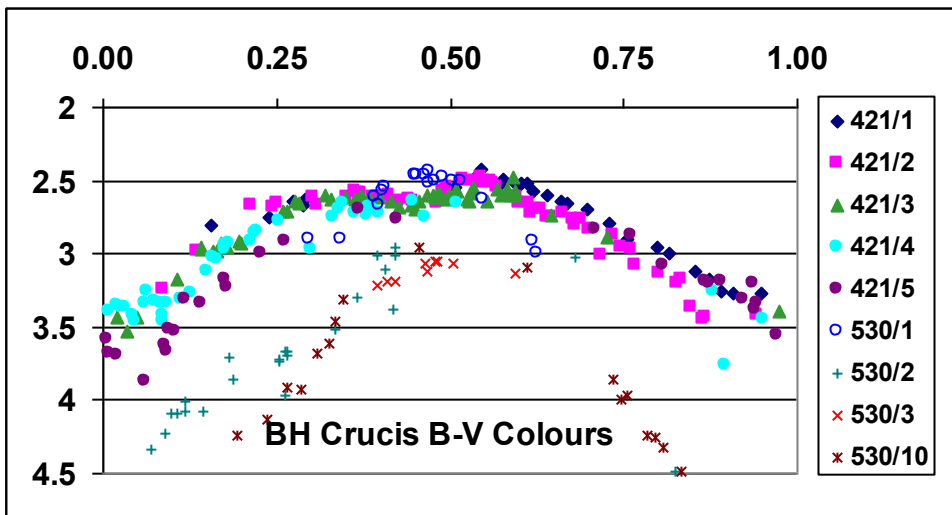
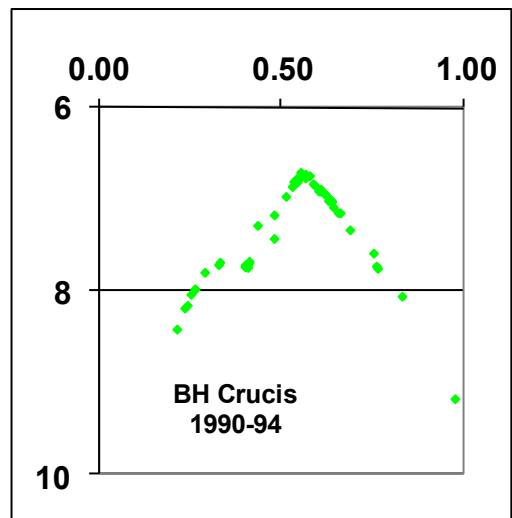


BH Crucis was discovered from Auckland in 1969 by Ron Welch. Since it seemed to be a member of the double maxima Mira stars it was observed in UBV from Auckland Observatory for many years. The UBV light curves above are smoothed measures made during the first four cycles when the period was 421 days.

The B-V colour curve, representative of temperature changes, is fairly normal although of larger amplitude than most Miras. The U-B curve is rather unusual, however.



These before and after plots show the V light curve when the period was 421 days, later when it was ~525 days. The first maximum has changed in the latter and is seen as a slight hump.



This graph shows colour changes over the period. They are marked by cycle number in the before and after periods. At all times the colour changes in a cycle are large, but the redder colour, hence cooler star, after the period change is clear.

Thanks to Giorgio di Scala of Sydney for cycle 530/10.