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OBSERVATIONS OF 44i Boo WITH THE NEW 48 INCH REFLECTOR OF THE
NATIONAL OBSERVATORY OF ATHENS AT KRYONERION, GREECE

Photoelectric observations of 44i Boo were made on April (5-18) of this year during a program of four-colour photometry on some eclipsing binaries. The new 48 inch Cassegrain reflector of Kryonerion Station (G. Contopoulos and C. Banos, 1976) was used, together with the two beam, multi-mode, nebular stellar photometer (C. Goudis and J. Meaburn, 1973) of the National Observatory of Athens.

The four filters which have been used are in close accordance with the standard colour system (U,B,V,R).

The calculations and reduction of the observations were based on the method of "Photoelectric Reduction" by R. Hardie (1962). Thirty nine standard stars, given in the Naval Observatory Catalogue (1968) and in the catalogue of Iriarte et al. (1965), were used for the calibration.

The following results for the times of minima were found:

H.J.D. (min)	Type of	Magnitude	Colours	
2440000+	Min.	V	B-V	V-R
3614.3611	s	6.91	+0.55	0.26
3614.5000	p	6.98	+0.58	0.31
3615.5710	p	7.02	+0.55	0.31

The obtained light curves will be published soon.

P. ROVITHIS
National Observatory of Athens
Athens 306, Greece

H. ROVITHIS-LIVANIOU
Dept. of Astronomy, Athens University
Panepistimiopolis, Athens 621, Greece

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