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PHOTOELECTRIC OBSERVATIONS OF YZ CMi AND AD Leo

Continuous photoelectric monitoring of the flare stars YZ CMi and AD Leo was made at the Crimean Astrophysical Observatory with the 64-cm meniscus telescope in the photometric system B during the planned periods of X-ray observations of the same stars by the NASA ASE Group. The coverage, characteristics of the observed flares and their light curves are given below.

A. Kulapova has collaborated these observations.

Star	Date, 1971	Coverage (U. T.)
YZ CMi	19 March	17 55 - 21 10, 21 13 - 21 17, 21 18 - 21 19, 21 21 - 21 25, 21 27 - 21 44
	10 March	17 16 - 17 44, 17 45 - 21 26
AD Leo	15 April	18 34 - 18 35, 18 36 - 19 44, 19 46 - 20 16, 20 17 - 20 53, 20 57 - 21 11, 21 13 - 21 45, 21 47 - 22 07, 22 09 - 22 22

Star	Date, 1971	UT _{max}	t _b	t _a	$\frac{I_{fl} - I_o}{I_o}$	σ/I_o	P min.	F(z)
			minutes					
YZ CMi	19 March	17 ^h 59 ^m .0	0.2	0.2	0.23	0.05	0.04	1.33
	19 March	18 26	.7	0.3	4.3	0.18	0.42	1.35
	20 March	17 23	.4	0.4	10.0	0.47	0.86	1.33
	20 March	18 30	.1	2.5	50.0	4.81	16.2	1.36
AD Leo	15 April	20 50	.6	0.1	1.4	0.08	0.04	1.27

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