

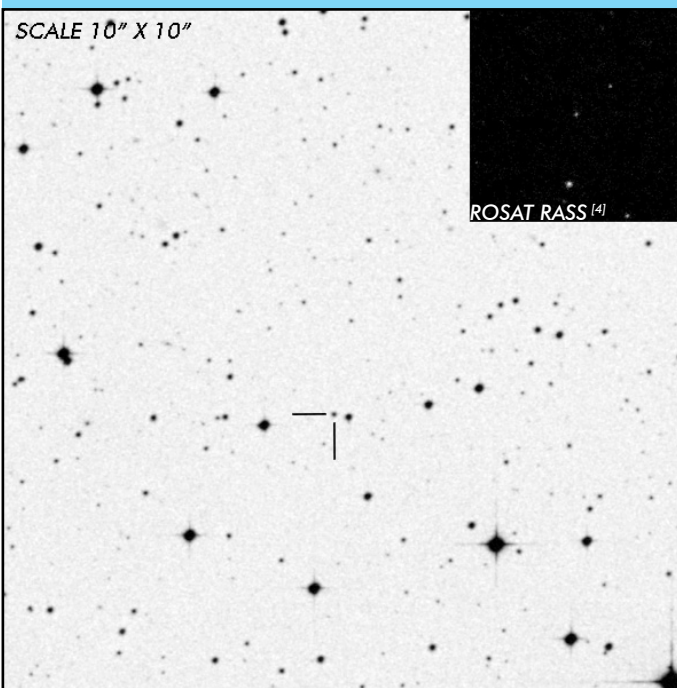


V1309 Ori

Long Period Eclipsing Polar

OBSERVATION DATA

SCALE 10" X 10"

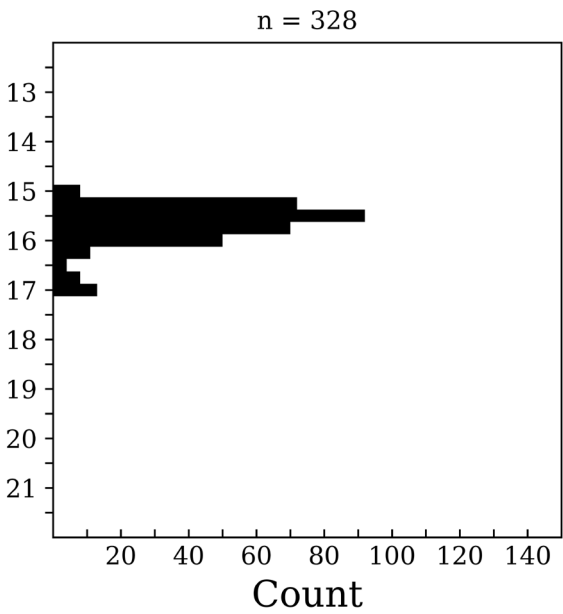
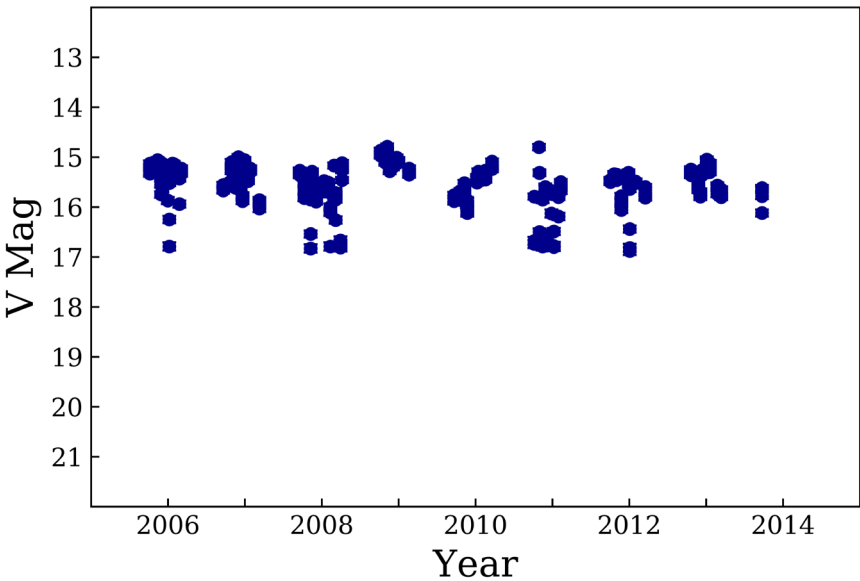


OTHER NAME(S): Ori 1; RX J0515+0104			
FOUND: ROSAT 1994			
RIGHT ASCENSION ^[1]	05 ^h 15 ^m 41.41 ^s	DECLINATION ^[1]	+01° 04' 40.48"
PARALLAXES (mas) ^[1]	1.525 ± 0.037	DISTANCE (pc) ^[2]	638.1
DISTANCE BOUNDARIES (pc) ^[2]		Lower = 622.63	Upper = 652.04
MAGNETIC FIELD (MG) ^[3]		B ₍₁₎ = 61	
WD MASS (M _⊙)	0.70		
ORBITAL PERIOD & SPIN PERIOD			
DAYS	HOURS	MINUTES	
0.33261	7.9827	478.961	
OPTICAL (CRTS MAGNITUDE)			
V _{HIGH} = 15	V _{LOW} = 17	V ₍₁₎ = 15.5	...
OTHER INFORMATION			
T_{eff} < 2000			

SUMMARY

CRTS PHOTOMETRY

V1309 Ori



EXTERNAL LINKS



REFERENCES

¹ [Gaia Collaboration et al. \(2018b\): Summary of the contents and survey properties](#)
² [Bailer-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.33 Billion Stars in Gaia Data Release 2", ApJ, Vol. 156, 58](#)
³ [HEASARC Skyview: ROSAT All-Sky](#)
⁴ [Walter, F. M & Zoonematkermani 1994, PROC, 313, 287](#)
⁵ [Garnavich, P. M. et al. 1994, "RJ 051542+0104.7: A New Magnetic, Eclipsing, Cataclysmic Variable", ApJ, Vol. 435, p. L141](#)
⁶ [Shafter, A. W. et al. 1995, "RX J0515.6+0105; an Unusual, Eclipsing, Magnetic Cataclysmic Variable", ApJ, Vol. 443, p. 319](#)
⁷ [de Martion, D. et al. 1998, "BeppoSAX observations of the Long Period Polar System V1309Ori", A&A, Vol. 332, p. 904](#)
⁸ [Staude, A. et al. 2001, "System Parameters of the Long-Period Polar V1309 Ori", A&A, Vol. 374, p. 588](#)
⁹