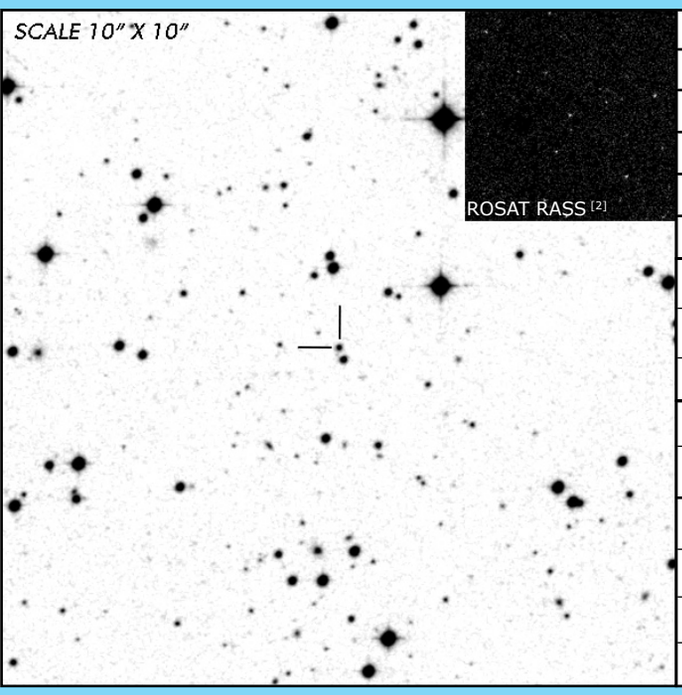
UU Col

Long Period Intermediate Polar

OBSERVATION DATA



OTHER NAME(S): RX J0512.2-3241; 1RXS J051214.5-324140			
FOUND: ROSAT 1996			
RIGHT ASCENSION [1]	$05^h\ 12^m\ 13.234^s$	**DECLINATION** [1]	-32° 41′ 39.744″
PARALLAXES (*mas*) [1]	0.3413 ± 0.086	**DISTANCE (*pc*)** [2]	2545.457
DISTANCE BOUNDARIES (pc) [2]		Lower =2152.7236	Upper = 2993.608
W_D MASS ($M_\odot$)	0.6	**MAGNETIC FIELD (*MG*)**	$B_{(1)}$ = 10 / $B_{(2)}$ = 30:

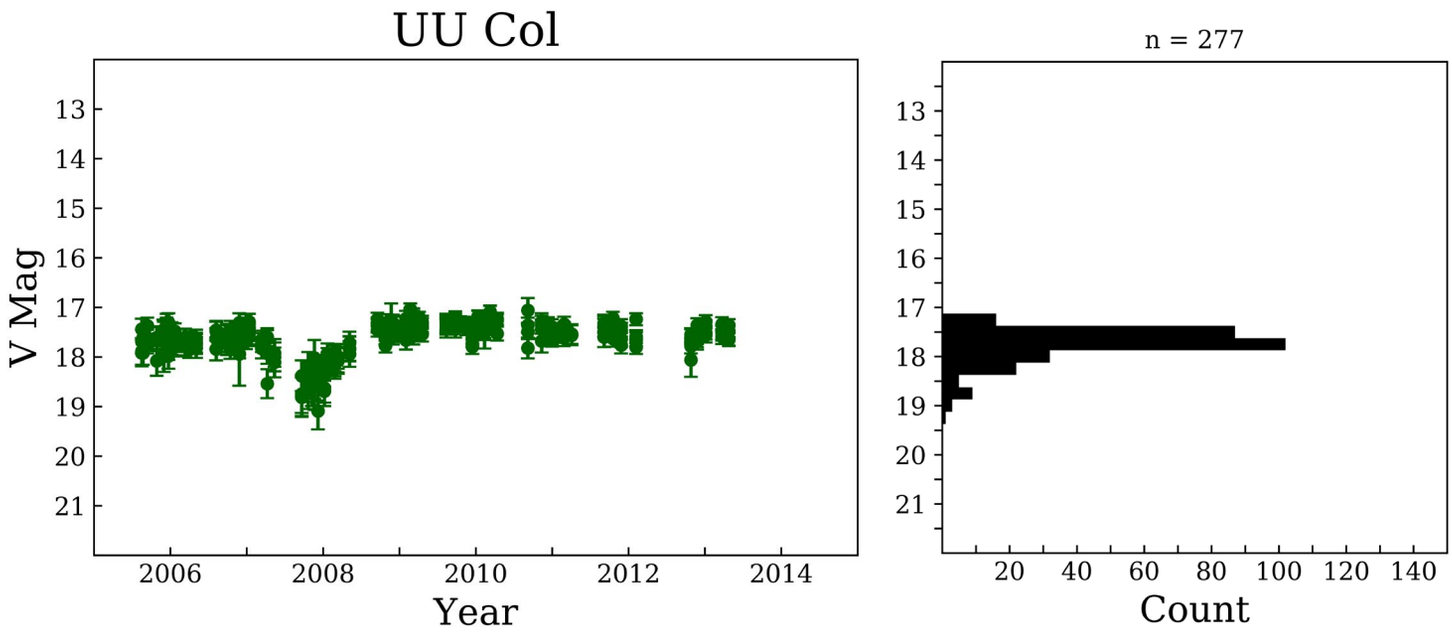
ORBITAL PERIOD (P_O) [3]			SPIN PERIOD (P_S) [3]		
DAYS	**HOURS**	**MINUTES**	**HOURS**	**MINUTES**	**SECONDS**
0.1438	3.45	207	0.009994	14.39	863.5

OPTICAL (CRTS MAGNITUDE)			
V_{HIGH} = 17.25	V_{LOW} = 19	$V_{(1)}$ = 17.75	...

OTHER INFORMATION	
...	

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS

STScI Sky Survey

SIMBAD

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] Koji, Mukai 2014, The Catalog of IPs and IP Candidates by Right Ascension
[4] HEASARC Skyview: ROSAT All-Sky
[5] Burwitz, V. et al. 1996, "A New Soft Intermediate Polar: RX J0512.2-3241 in Columba", A&A, Vol. 310, p. L25
[6] de Martino, D. et al. 2006, "The X-Ray Properties of the Magnetic Cataclysmic Variable UU Columbae", A&A, Vol. 454, Iss. 1, pp. 287
[7] Katajainen, S. et al. 2010, "Discovery of Polarized Emission from Two Soft X-Ray-emitting Intermediate Polars: UU Col and NY Lup", ApJ, Vol. 724, Iss. 1, pp. 165
[8] Maitra, C. et al. 2022, "Discovery of Four Super-Soft X-Ray Sources in XMM-Newton Observations of the Large Magellanic Cloud," A&A, Vol. 657, pp. 9
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