

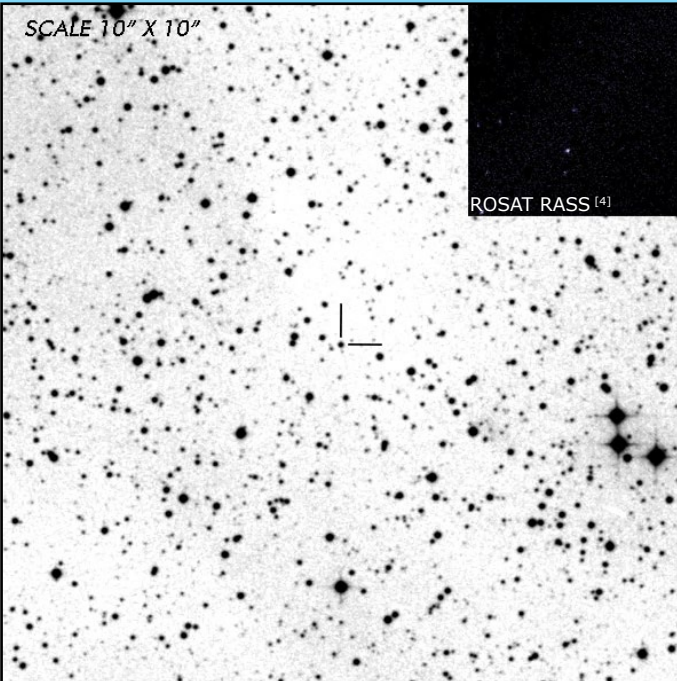


V1033 Cas

Long Period Intermediate Polar

OBSERVATION DATA

SCALE 10" X 10"



OTHER NAME(S): 1RXS J002258.3+61411; IGR J00234+6141					
FOUND: INTEGRAL 2005					
RIGHT ASCENSION ^[1]		00 ^h 22 ^m 57.645 ^s		DECLINATION ^[1] +61° 41' 07.572"	
PARALLAXES (mas) ^[1]		0.644 ± 0.055		DISTANCE (pc) ^[2] 1557.397	
DISTANCE BOUNDARIES (pc) ^[2]				Lower = 1485.137 Upper = 1660.923	
WD MASS (M _o)		0.85		MAGNETIC FIELD (MG) B ₁ = 6.1 ...	
ORBITAL PERIOD (P _o) ^[3]			SPIN PERIOD (P _s) ^[3]		
DAYS	HOURS	MINUTES	HOURS	MINUTES	SECONDS
0.1680	4.032	241.92	0.15653	9.392	563.5
OPTICAL (CRTS MAGNITUDE)					
...		...		...	
OTHER INFORMATION					

SUMMARY

EXTERNAL LINKS



REFERENCES

¹ [Gaia Collaboration et al. \(2018b\): Summary of the contents and survey properties](#)
² [Bailor-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.3 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 [Bonnet-Bidaud, J. M. et. al. 2007, "IGR J00234+6141: A new INTEGRAL source identified as an intermediate polar", A&A, Vol. 473, pp. 185-189](#)
⁶ [Den Hartog, P. R. et al. 2005, "IGR J00234+6141: A new weak hard X-Ray source found by INTEGRAL", Atel, No. 394](#)
⁷ [Bruschweiler, J. et al. 2009, "Intermediate polars in the Swift/BAT survey: spectra and white dwarf masses", A&A, Vol. 496, pp. 121-127](#)
⁸ [Suleimanov, V. F. et al. 2019, "Hard X-Ray view on Intermediate Polars in the GAIA Era", MNRAS, Vol. 482, Iss. 3, p. 3622-3635](#)
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