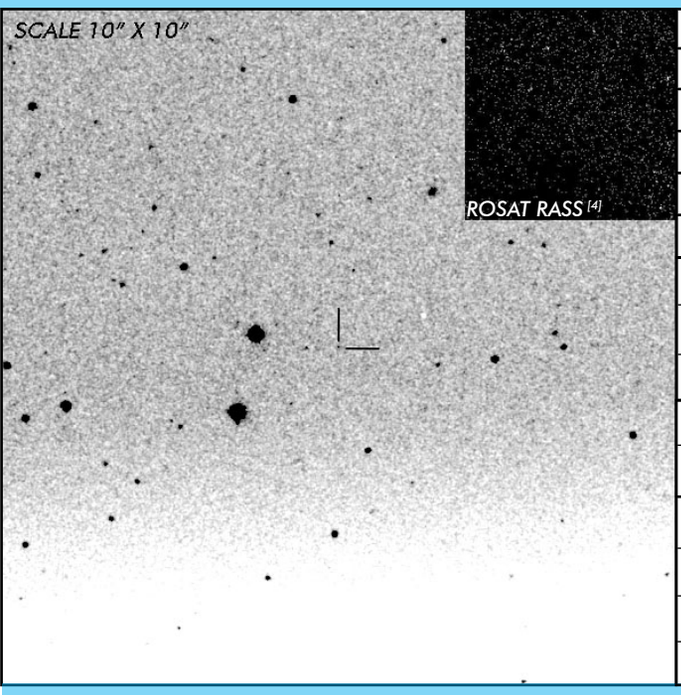
J1059+2727

Period Gap Pre-Polar

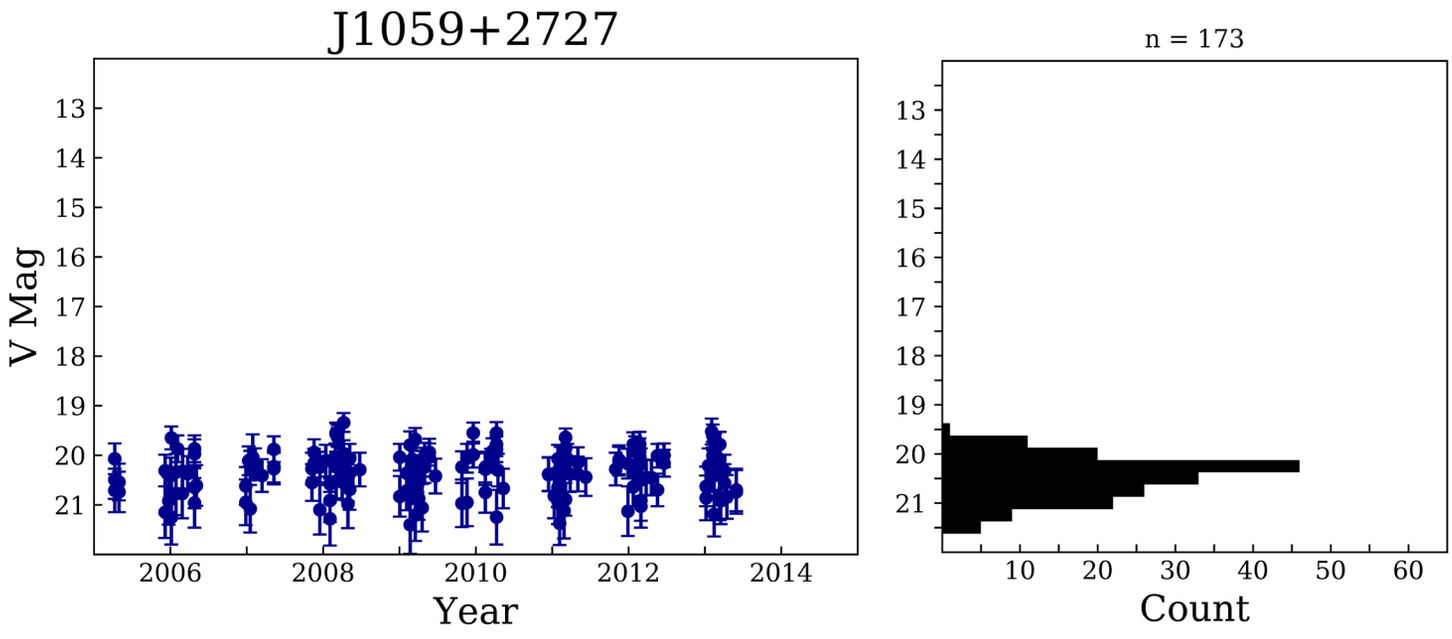
OBSERVATION DATA



OTHER NAME(S): SDSS J105905.07+272755.5					
FOUND: SDSS 2007					
RIGHT ASCENSION [1]	$10^h\ 59^m\ 05.07^s$	**DECLINATION** [1]	+27° 27′ 55.42″		
PARALLAXES (*mas*) [1]	0.130 ± 1.299	**DISTANCE (*pc*)** [2]	895.171		
DISTANCE BOUNDARIES (pc) [2]		Lower = 556.126	Upper = 1310.180		
MAGNETIC FIELD (*MG*) [3]		$B_{(1)}$ = 57	...	...	...
ORBITAL PERIOD & SPIN PERIOD					
DAYS	**HOURS**	**MINUTES**			
> 0.125					
OPTICAL (CRTS MAGNITUDE)					
V_{HIGH} = 19.5	V_{LOW} = 12.9	$V_{(MODE\ 1)}$ = 9.3	...		
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] Bailor-Jones et al. 2018, "Estimating Distance from Parallexes, IV. Distances to 1.3 Billion Stars in Gaia Data Release 2", *ApJ*, Vol. 156, 58
[3] Ferrario, Lilia, et al. 2015, "Magnetic White Dwarfs", *SSRv* 191, 111-169
[4] HEASARC Skyview: ROSAT All-Sky
[5] Schmidt, Gary D. et al. 2007, "Two Additions to the New Class of Low Accretion Rate Magnetic Binaries", ApJ, Vol. 654, Iss. 1, pp. 521-526
[6] Parsons, S. G. et al. 2021, "Magnetic white dwarfs in post-common-envelope binaries", MNRAS, Vol. 502, Iss. 3, pp. 4305-4327
[7]
[8]