

# IAUC 5433: A0535+26; 1991r

The following [International Astronomical Union Circular](#) may be linked-to from your own Web pages, but must **not** otherwise be redistributed (see [these notes on the conditions under which circulars are made available on our WWW site](#)).

Read [IAUC 5432](#) | [SEARCH](#) | Read [IAUC 5434](#)

Display  Clear

Circular No. 5433

Central Bureau for Astronomical Telegrams

INTERNATIONAL ASTRONOMICAL UNION

Postal Address: Central Bureau for Astronomical Telegrams

Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

Telephone 617-495-7244/7440/7444 (for emergency use only)

TWX 710-320-6842 ASTROGRAM CAM EASYLINK 62794505

MARSDEN or GREEN@CFA.BITNET MARSDEN or GREEN@CFAPS2.SPAN

## A0535+26

B. Agrinier, R. Comte, E. Costa, G. Cusumano, G. Gerardi, P. Mandrou, J. L. Masnou, E. Massaro, G. Matt, T. Mineo, M. Niel, J. F. Olive, B. Parlier, B. Sacco, M. Salvati, and L. Scarsi, Centre d'Etude Spatiale des Rayonnements, Toulouse, report: "The transient pulsating x-ray source A0535+26 was observed by the 'F.I.G.A.R.O. II' gamma-ray experiment on 1990 July 9. The analysis of 6 hr of data obtained during July 9.30-9.60 UT shows a double-peaked light curve at the expected period of 103.2 s. We evaluate a pulsed flux of  $8.8 \pm 2.3 \times 10^{-6}$  ph cm<sup>-2</sup> sE<sup>-1</sup> keVE<sup>-1</sup> in the band 148-260 keV. This is the first detection of this source at energies this high. We also find evidence of a low-energy cutoff below 167 keV; observations in the range 100-150 keV at the next periastron passage would be highly desirable to firm up the classification of possible cyclotron features."

## COMET HELIN-ALU (1991r)

Improved orbital elements from MPC 19468:

	Epoch = 1992 Feb. 28.0 TT		
T = 1992 Feb. 19.6750 TT		Peri. = 30.7536	
e = 0.999527		Node = 253.6539	2000.0
q = 4.850512 AU		Incl. = 49.2965	

1992 TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	:
Jan. 29.0	18 33.91	- 5 23.0	5.638	4.853	34.1	6.5	:
Feb. 8.0	18 42.91	- 4 08.6	5.550	4.851	41.1	7.7	:
	18.0 18 51.39	- 2 47.2	5.450	4.851	48.4	8.8	:
	28.0 18 59.25	- 1 19.1	5.339	4.851	55.8	9.7	:
Mar. 9.0	19 06.38	+ 0 15.6	5.219	4.853	63.2	10.5	:
	19.0 19 12.67	+ 1 56.5	5.093	4.856	70.7	11.2	:
	29.0 19 18.01	+ 3 42.9	4.963	4.860	78.3	11.6	:
Apr. 8.0	19 22.29	+ 5 33.9	4.834	4.865	85.9	11.8	:
	18.0 19 25.41	+ 7 28.3	4.708	4.872	93.4	11.9	:
	28.0 19 27.29	+ 9 24.4	4.588	4.880	100.9	11.7	:

3C 279

Corrigendum. On [IAUC 5431](#), line 15, for 3C 379 read 3C 279

1992 January 22

(5433)

Daniel W. E. Green

---

[Read IAUC 5432](#) | [SEARCH](#) | [Read IAUC 5434](#)

---

[Our Web policy](#). [Index](#) to the CBAT/MPC/ICQ pages.

[CBAT](#)