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FLARE STAR T 176

In Orion association there are few flare stars with high frequency of flare-ups. Among them T176 = V909 Ori ( $\alpha_{1900} = 5^{\text{h}}38^{\text{m}}.1$ ,  $\delta_{1900} = -7^{\circ}21'$ ) shows the highest frequency. As it was noted by Haro (1976) the flare star T176 cannot be a member of the association because of the large outburst incidence, the spectral type M2e-M3e and the kind of  $\Delta m$  observed during several flare-ups. During the re-examination of the photographic material of Tonantzintla Observatory 16 new flare-ups of that star were found (Table I) which confirmed that T176 is a foreground flare star.

Table I

New flare-ups of T176 = V909 Ori

No.	$m_u$	$\Delta m_u$	date
1.	15.8pg	0.8pg	07.03.1962
2.	16.4	2.0	27.12.1964
3.		0.5	26.01.1965
4.		3.0	17.12.1965
5.		1.5	23.12.1965
6.		1.3	29.12.1965
7.		1.0	17.02.1966
8.		1.0	24.02.1968
9.		2.5	22.01.1969
10.		4.0	20.02.1969
11.		1.3	06.12.1972
12.		0.5	11.02.1978
13.		0.5	04.03.1978
14.		2.5	07.03.1978
15.		0.5	08.03.1978
16.		3.2	27.11.1981

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Reference:

Haro, G.: 1976, Bol. Inst. de Tonantzintla, 2, 3, 1976.