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THE ELEMENTS OF THE VARIABLE STAR
 16.1929 SAGITAE

The star is No. 4577 in the Catalogue of Stars Suspected of Variability (Moscow 1951) = CT 3 201 = BD + 18°4005 (9^m4). According to R. Weber (JO 46, 105, 1963) the star is variable between 11.0 and 12.0 magnitudes; he suspected EB type.

Estimates on Bamberg plates confirmed Weber's suspicion and led to the following elements:

$$\text{Min} = \text{JD } 242\,4822.180 + 2^{\text{d}}.775\,320, \text{ E}$$

The observed minima are listed below.

(A) = V. Albitzky, AN 235, 317, 1928
 (W) = R. Weber, by letter

Minima

JD	E	0 - C	JD	E	0 - C
242 4822.182 (A)	0	+0.002	243 7190.363	4456	+1.357
6956.386	769	-0.015	7201.465 (W)	4460	+1.358
8778.387	1425	+1.376	7222.297 (W)	4468	-0.013
9079.470	1534	-0.051	.344 (W)	4468	+0.034
243 6814.372	4321	+0.034	.368 (W)	4468	+0.058
7015.596 (W)	4393	+1.435	7441.571 (W)	4547	+0.011
7115.457 (W)	4429	+1.365	7466.488 (W)	4556	-0.050
7172.376 (W)	4450	+0.022	7605.293 (W)	4606	-0.011

Depth of secondary minimum about 0^m.6.

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 Bamberg