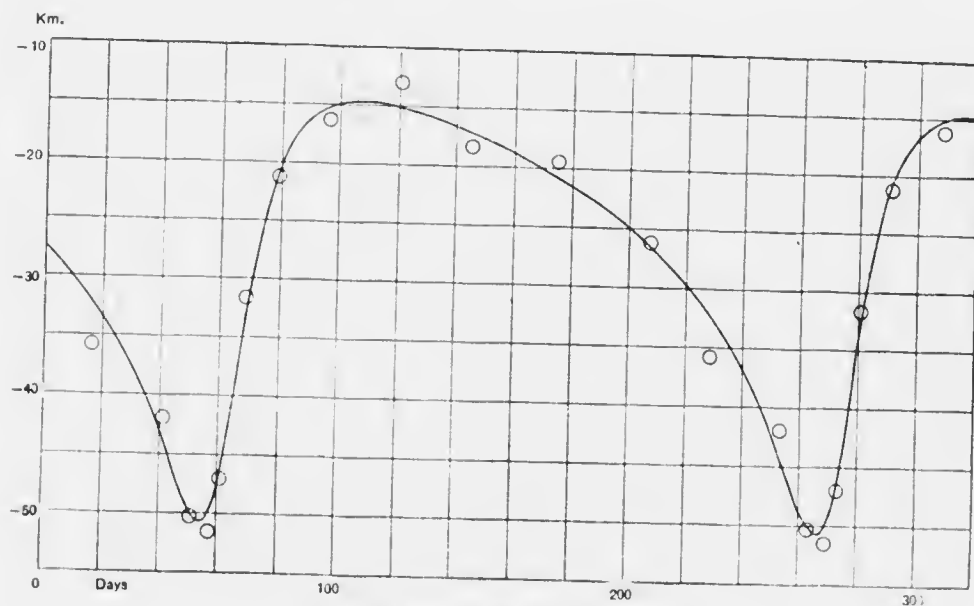


ascertain the best method of guiding to secure consistent results would probably be worth while. Thus it might be found that slight illumination of the slit, so that it could be seen without the aid of the star's light would add to the accuracy. Personally, I find guiding easier in the twilight than on a dark night. In the case of A Boötis, the majority of the latter half of the plates were taken under these conditions and in general they give smaller residuals than the early plates, but the evidence is not sufficient to show whether this is to be ascribed to the twilight or not.

Dominion Observatory,
Ottawa,
November, 1915.



RADIAL VELOCITY CURVE OF A BOÖTIS.