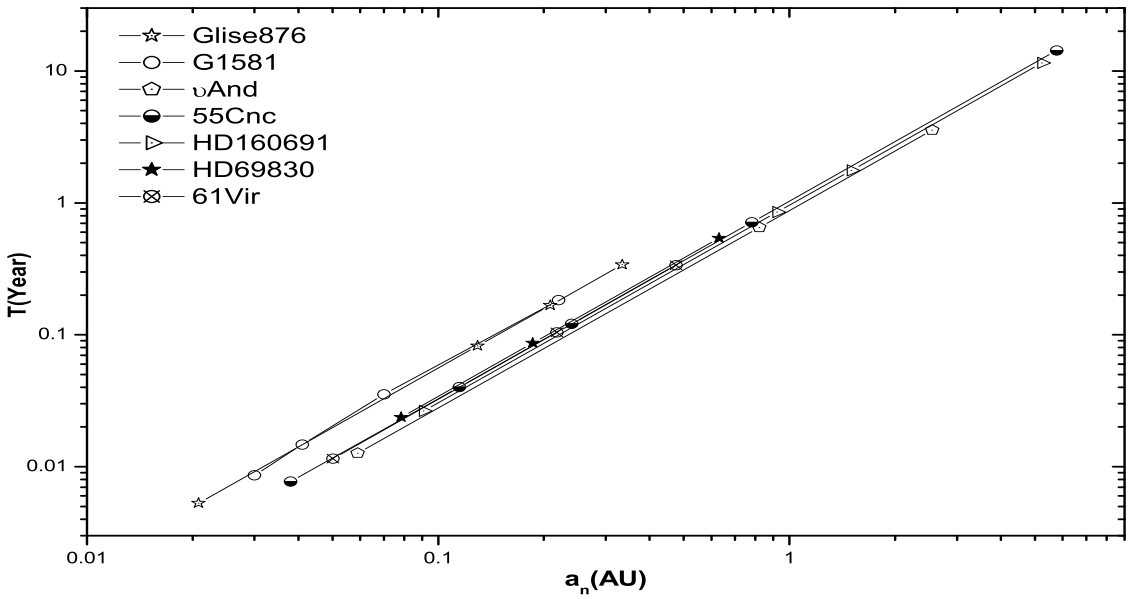

Fig. 6. Orbital parameters of the exoplanetary system. Observe that the systems whose central masses are similar to that of the Sun are υ And, 55 Cnc, 61 Vir, HD 69830 and HD 181433, and differ from those of Glise 876 and Glise 1581.

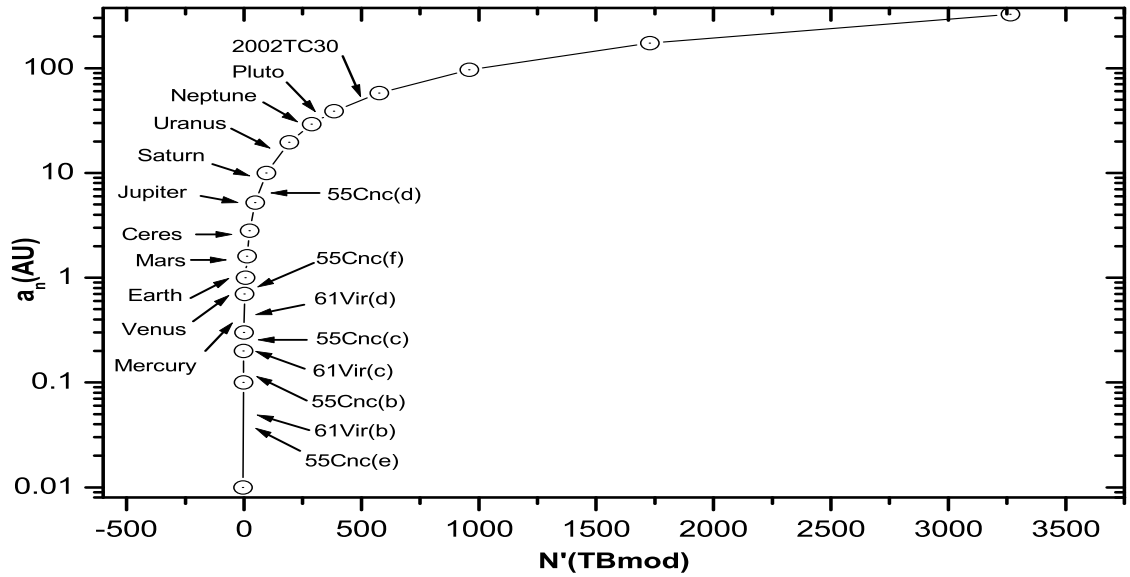

Fig. 7. Distribution of exoplanets of 55Cnc and 61Vir. As the central mass of both systems is similar to that of the Sun, we will assume that they satisfy the equations we have called TBF. We include the members of the Solar System with the purpose of comparing the extrasolar objects with those familiar to us. On the abscissa axis we give the heliocentric distances of the planetary objects according to the order of the integer succession TB law.

of the exoplanets (Schneider 2010)[4] known until now. We have found that some accumulation points correspond to certain elements of TBF (Figure 9). Nevertheless, it is not possible to represent the totality of them. Another interesting aspect is the concentration of vulcanoid objects around $n = -2$. Perhaps it is due to the existence of the protoplanetary wall near a central mass recently analyzed (Calvet, D'Alessio, & Woolum 2005), whose radius of subli-

[4]http://exoplanet.eu/catalog-all.php.