



Fig. 3.9 Comparison between the frequency-magnitude distributions in two different regions, R1 and R2 in Fig. 3.8a. The squares correspond to region R1 and the triangles correspond to region R2. The magnitude of completeness is indicated near each sample. The b and a values for the two samples and the number of earthquakes for each sample are given. 'Prob' represents the probability that the two distributions come from the same population.