

LIST OF FIGURES

Page No.

Fig.2.1. Damage density plotted as a function of velocity for different nuclei	..	37A
Fig.2.2. Schematic diagram illustrating track formation mechanism	..	41A
Fig.2.3. Schematic diagram showing atomic character of particle tracks	..	41B
	..	
Figs.5.1A & 5.1B. Bar diagrams of uranium contents of various plant samples	..	99A & 99B
Fig.5.2. Frequency distributions of uranium contents of the samples	..	99C
Fig.5.3. Bar diagrams of average uranium contents of different parts of plants	..	100A
Fig.5.4. Frequency distributions of uranium contents of different parts of plants	..	100B
Fig.5.5. Bar diagrams showing uranium contents of various groups of samples with a particular medicinal property	..	110A
Fig.6.1A & 6.1B. Bar diagrams of boron contents of various samples	..	125A & 125B
Fig.6.2. Frequency distribution of the data of boron contents	..	125C
Fig.6.3. Average boron contents of different parts of plants	..	126A

Fig.6.4. Frequency distribution of boron contents of different parts of the plants ..	126B
Fig.6.5. Bar diagrams showing boron contents of various groups of samples with a particular medicinal property ..	134A
Fig.7.1. Boron contents of plants relative to uranium ..	139A
Fig.7.2. Frequency distributions of average uranium and boron contents of the plants ..	139B