

**FLOWCHART OF OSA90/hope**

**OSA-94-OS-20-R**

**August 8, 1994**

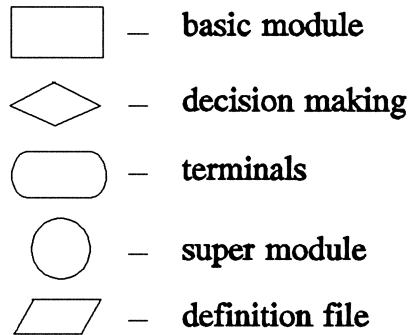
## **FLOWCHART OF OSA90/hope**

### **I. INTRODUCTION**

This report dispatched the flowchart of OSA90/hope. All c files and the major include files of OSA90/hope are indicated in the flowchart. It gives a brief and clear view of the execution flow of the program.

### **II. DEFINITION OF SYMBOLS**

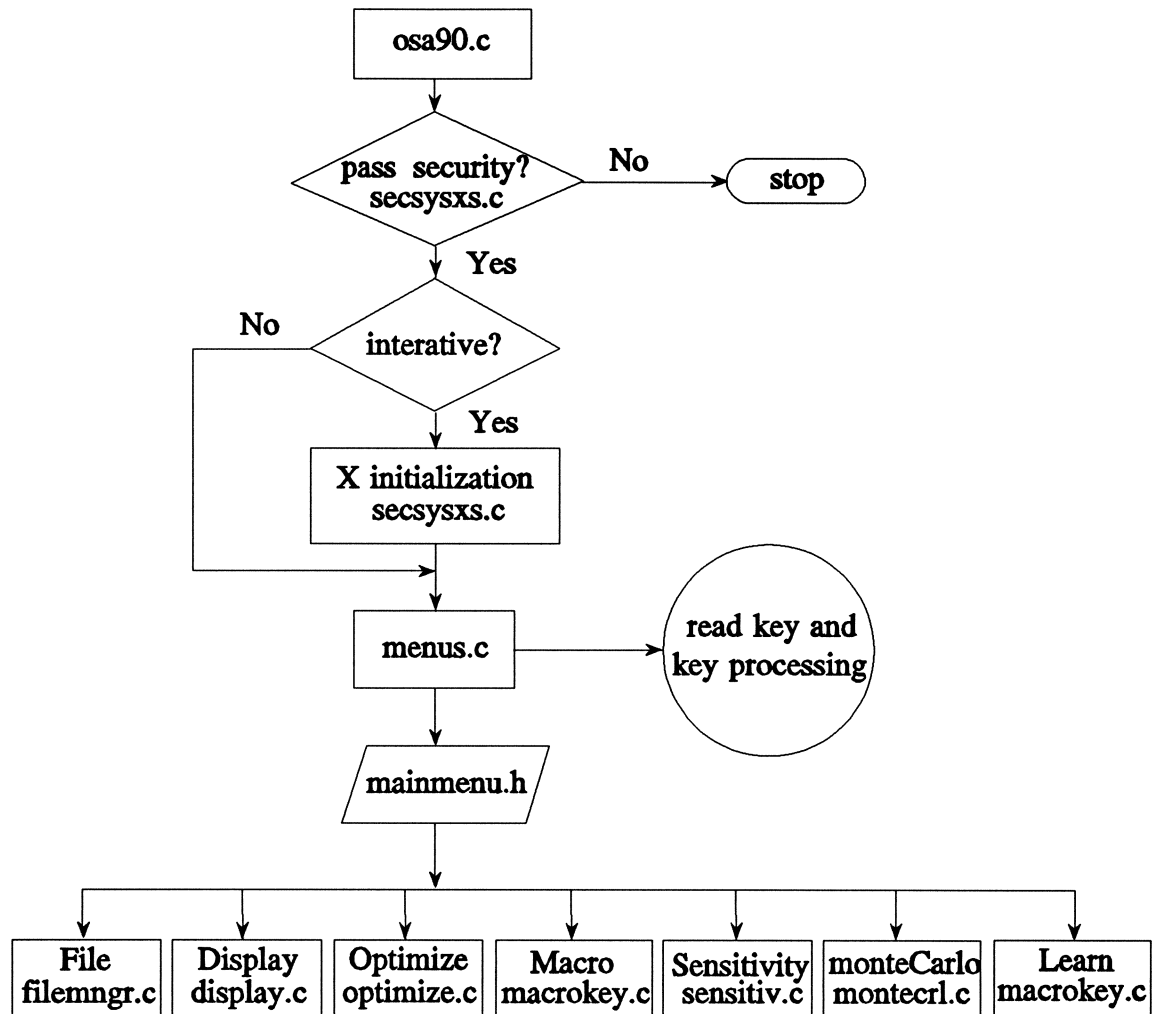
The definition of the symbols used in the flowchart is as follows.



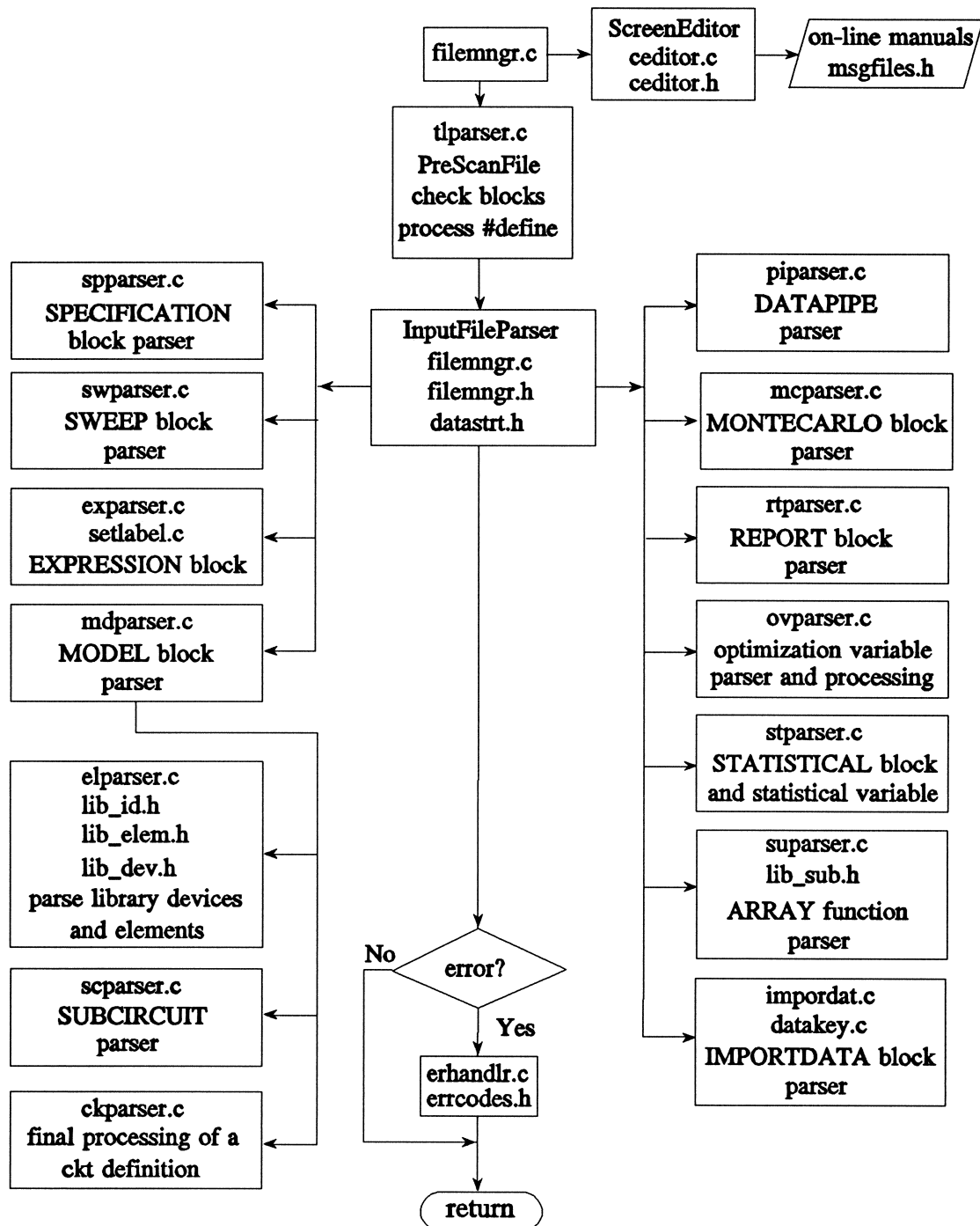
### **III. FLOWCHART**

The flowchart of OSA90/hope is divided into six parts including main program, file editing and parsing, simulation (display), optimization, sensitivity analysis and Monte Carlo analysis. Three super modules for simulation, key reading and processing, and graphical plotting are shown separately.

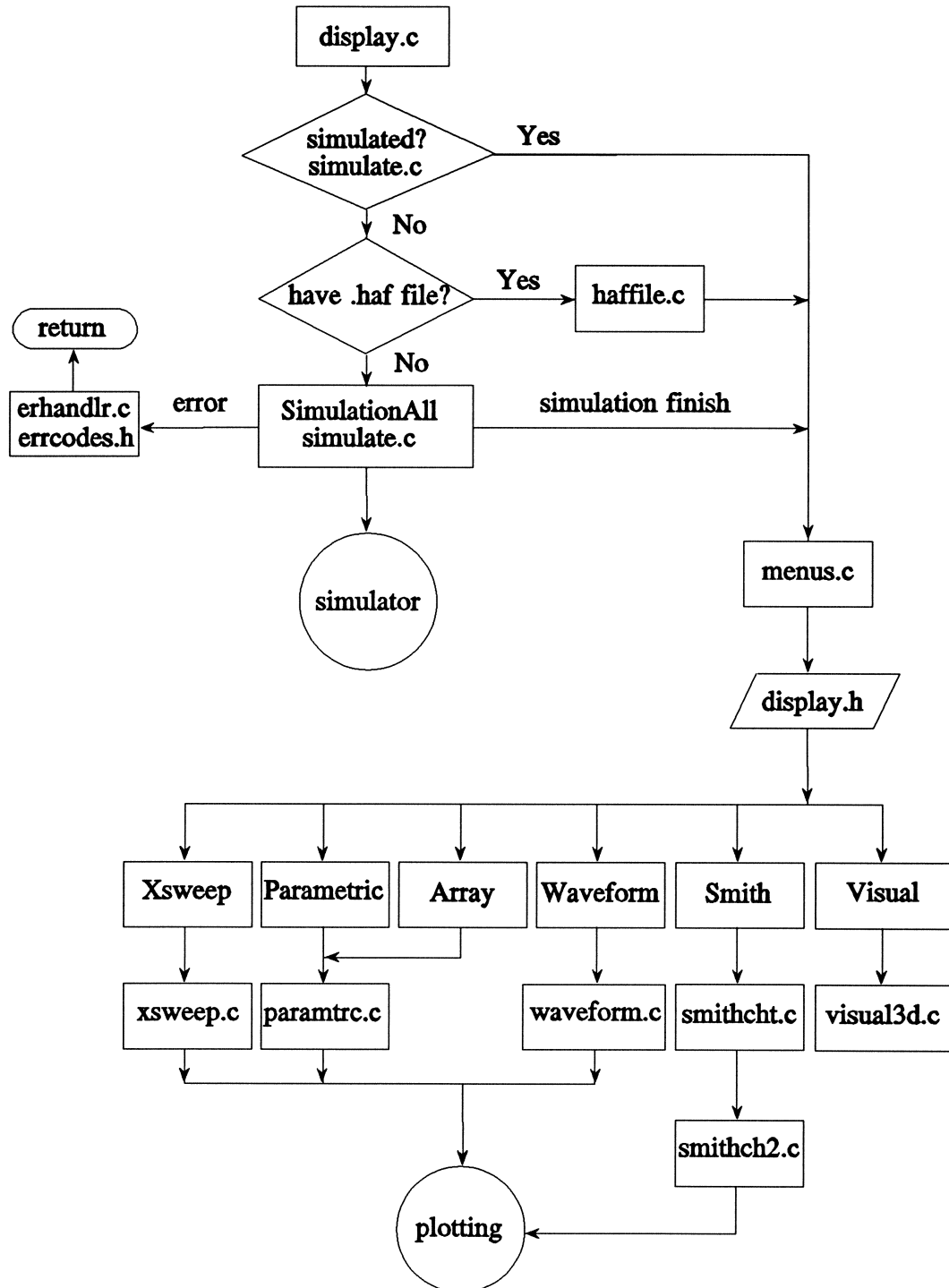
*A. Flowchart for the Main Program*



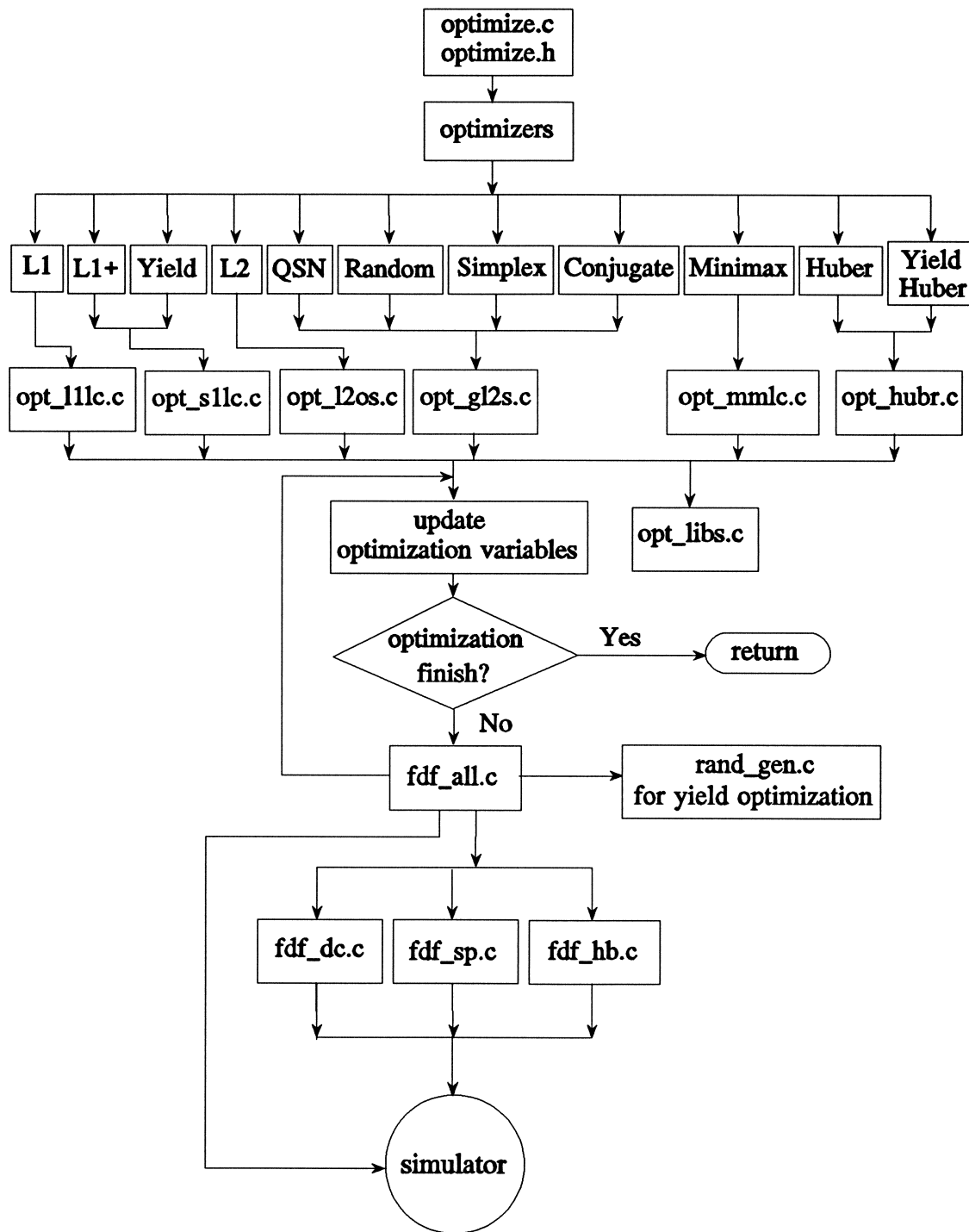
## B. Flowchart for File Editing and Parsing



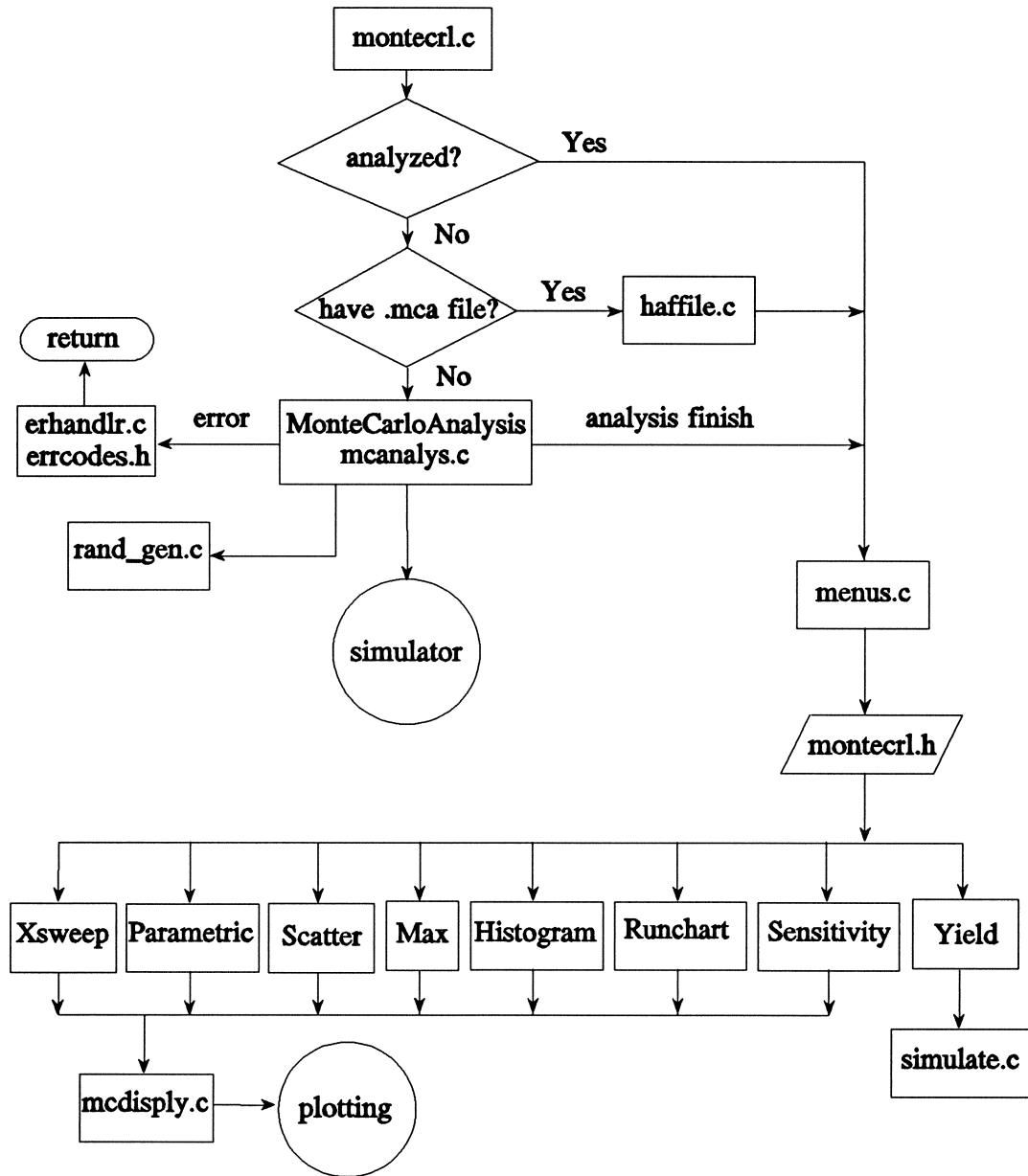
### C. Flowchart for Display



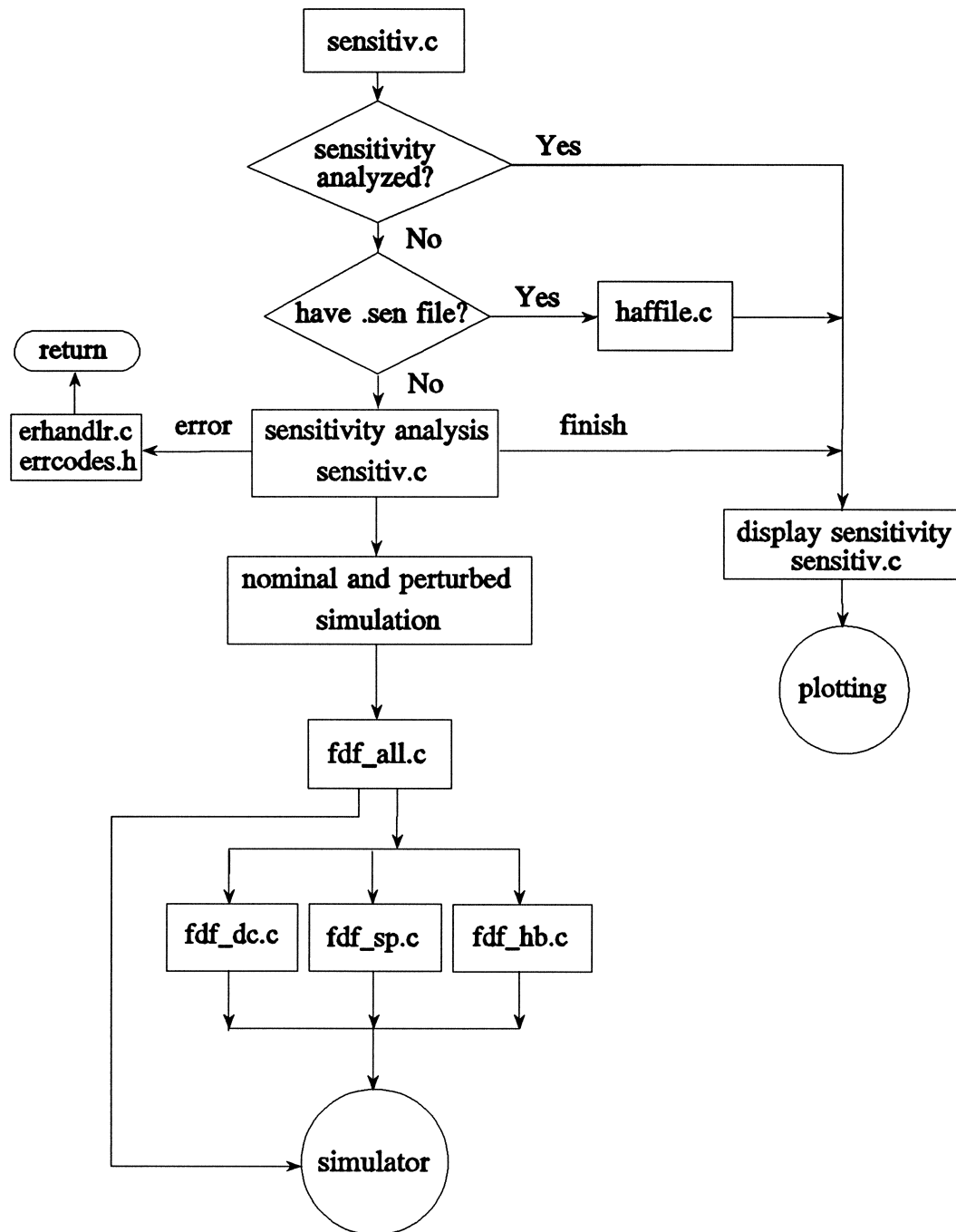
#### D. Flowchart for Optimization



*E. Flowchart for Monte Carlo Simulation*

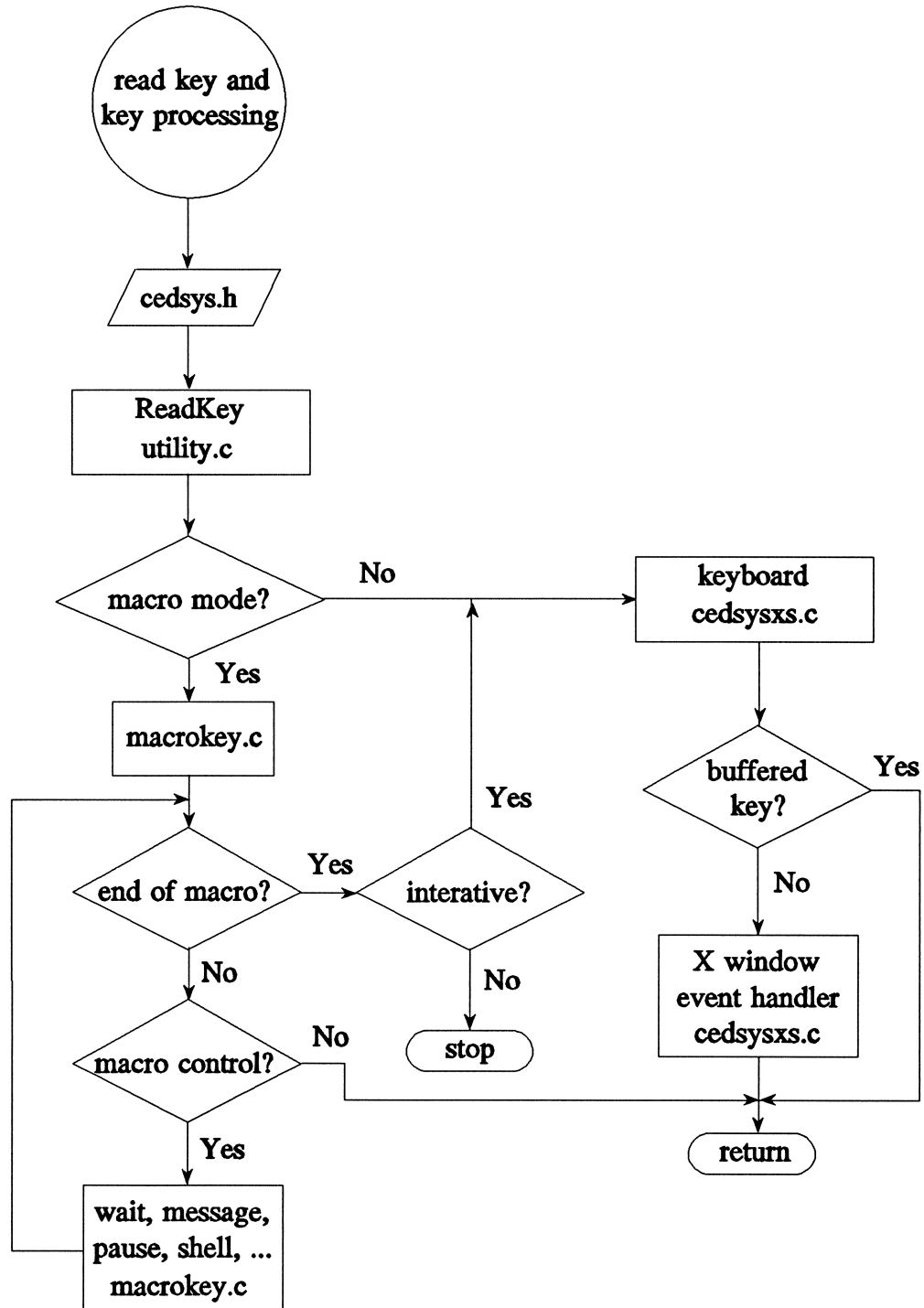


*F. Flowchart for Sensitivity Analysis*

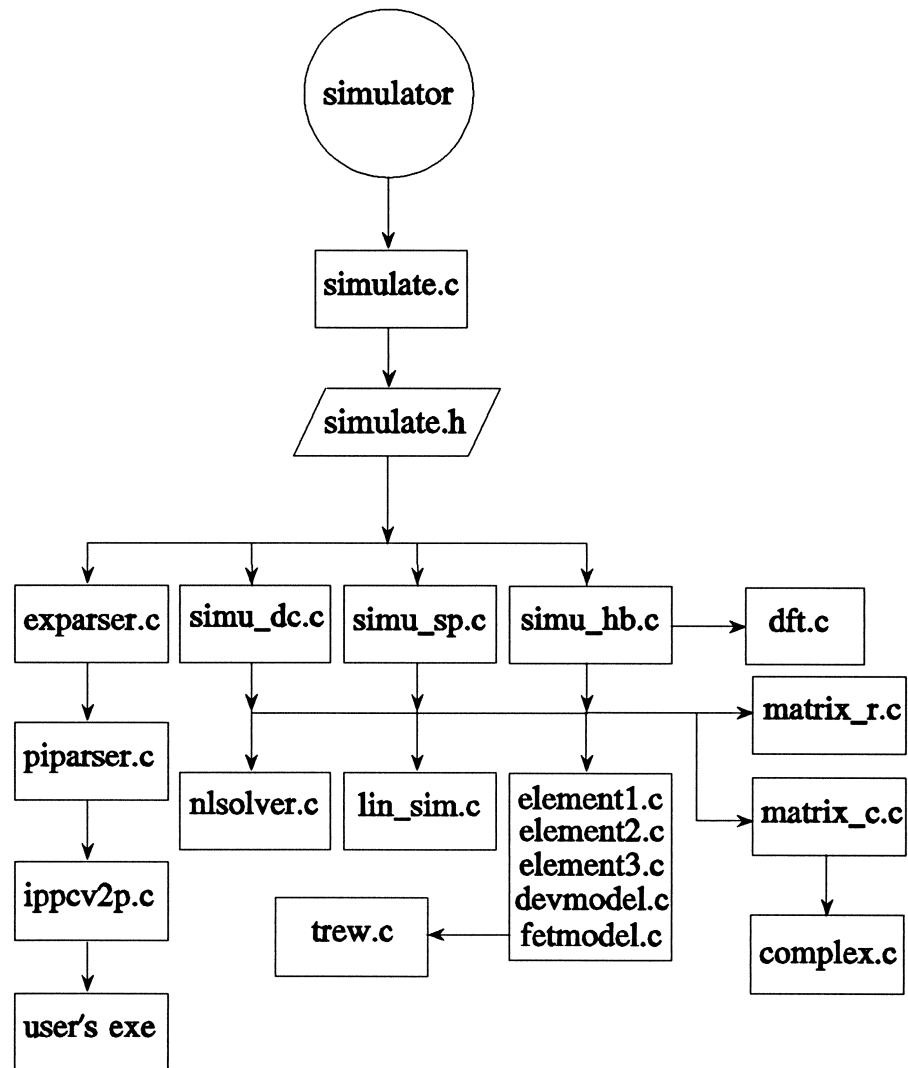




*G. Super Module of Key Reading and Processing*



## H. Super Module of Simulator



## *I. Super Module of Graphical Plotting*

