Table 69 Input data, ***.OPT**, for "**MAINSETUP**" for the **isogrid-stiffened** equivalent ellipsoidal shell. This file is called "eqellperf.stiffened.OPT". Change the case name from "eqellperf.stiffened" to "eqellperf" before processing.

```
=====================================================================
   n      $ Do you want a tutorial session and tutorial output?
      0   $ Choose an analysis you DON'T want (1, 2,..), IBEHAV
      0   $ NPRINT= output index (0=GOOD, 1=ok, 2=debug, 3=too much)
      1   $ Choose type of analysis (1=opt., 2=fixed, 3=sensit.) ITYPE
      5   $ How many design iterations in this run (3 to 25)?
   n      $ Take "shortcuts" for perturbed designs (Y or N)?
      2   $ Choose 1 or 2 or 3 or 4 or 5 for IDESIGN
      1   $ Choose 1 or 2 or 3 or 4 or 5 for move limits, IMOVE
   y      $ Do you want default (RATIO=10) for initial move limit jump?
   y      $ Do you want the default perturbation (dx/x = 0.05)?
   y      $ Do you want to have dx/x modified by GENOPT?
   n      $ Do you want to reset total iterations to zero (Type H)?
=====================================================================
```

NOTES:

1. The input line for IBEHAV is repeated NCASES times, where NCASES = the number of load sets. In this case there is only one 1oad set, corresponding to the shell with a +mode 1 and a +mode 2 axisymmetric imperfection. The imperfection amplitude is very, very small (Wimp = 0.0001). Therefore, the second load set, that with –mode 1 and –mode 2, is not needed for this “perfect” shell, since it would yield essentially the same margins as load set 1.

2. For definitions of IDESIGN, IMOVE, and RATIO see the file URPROMPT.DAT, which is listed in Table a24 of the appendix.