


```

C      (I*4)  IB      = FLAGS VALUE OF B.
C
C      = 1 : B >= P2.
C
C      = 2 : B < P2.
C      (I*4)  IB1     = FLAGS VALUE OF B1.
C
C      = 1 : B1 >= P2.
C
C      = 2 : B1 < P2.
C      (I*4)  I       = LOOP INDEX.
C
C      (R*8)  Z1      = REAL VALUE = IZ1.
C      (R*8)  B       = P1 * Z1**2 / ( V**2 * TE )
C      (R*8)  B1      = P1 * Z1**2 / ( V**2 * TR )
C      (R*8)  VVE     =
C      (R*8)  GI      = R8GIIH().
C      (R*8)  GI1     = R8GIIH().
C      (R*8)  GI2     = R8GIIH().
C      (R*8)  F1      =
C      (R*8)  F2      =
C      (R*8)  F3      =
C      (R*8)  F4      =
C      (R*8)  F5      =
C      (R*8)  F6      =
C      (R*8)  T       =
C      (R*8)  T2      =
C      (R*8)  T4      =
C      (R*8)  T6      =
C      (R*8)  Q1      =
C      (R*8)  Q2      =
C      (R*8)  EX      =
C      (R*8)  EX1     =
C      (R*8)  D1      =
C      (R*8)  D2      =
C      (R*8)  U2      =
C      (R*8)  U6      =
C
C      (R*8)  X1 ( )  =
C
C                      DIMENSION: MXT.
C      (R*8)  X2 ( )  =
C
C                      DIMENSION: MXT.
C      (R*8)  W1 ( )  =
C
C                      DIMENSION: MXT.
C      (R*8)  W2 ( )  =
C
C                      DIMENSION: MXT.

```

C ROUTINES:

ROUTINE	SOURCE	BRIEF DESCRIPTION
R8GIIH	ADAS	RETURNS BOUND-FREE G-FACTORS.
R8FEII	ADAS	

C AUTHOR: JONATHAN NASH (TESSELLA SUPPORT SERVICES PLC)
C K1/0/81
C JET EXT. 5183
C

C DATE: 05/11/93
C
C UNIX-IDL PORT:
C
C AUTHOR: WILLIAM OSBORN (TESSELLA SUPPORT SERVICES PLC)
C
C DATE: 22ND MAY 1996
C
C VERSION: 1.1 DATE: 22-05-96
C MODIFIED: WILLIAM OSBORN
C - FIRST VERSION. IBM VERSION NOT CHANGED

C-----
C
C-----
INTEGER IRES, IS, ISP, IZ1
INTEGER L, L1, LP, LT
INTEGER LT1, N
REAL*8 PION, PREC, PSTIM, TE
REAL*8 TR, V