

ADAS Subroutine r8const

FUNCTION R8CONST(key)

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C
C ***** FORTRAN77 REAL*8 FUNCTION: R8const *****
C
C PURPOSE: Returns the fundamental constant corresponding to 'KEY'.
C
C CALLING PROGRAM: GENERAL USE
C
C FUNCTION:
C
C INPUT:  (C*)  KEY   =  Constant selector key
C
C
C ROUTINES:
C      ROUTINE      SOURCE      BRIEF DESCRIPTION
C      -----
C      I4UNIT       ADAS        RETURNS UNIT NO. FOR OUTPUT OF MESSAGES.
C
C
C NOTES:  i. For Rydberg constant XXRAMS (or XXDAMS) is called to
C          determine whether the infinite or mass adjusted rydberg
C          constant is returned.
C
C          ii. Data is taken from Cohen & Taylor, Rev. Mod. Phys. 59,
C              p1121 (1987). As recommended in Atomic Data and Nuclear
C              Data Tables.
C
C          iii. Units are CGS.
C
C
C AUTHOR:  Martin O'Mullane
C
C DATE:    01/04/99
C
C UPDATE:
C
C VERSION: 1.2
C MODIFIED: MARTIN OMULLANE
C-----
C
C-----
C      CHARACTER*(*)      KEY
```