


```

C           = 1 : DATA PRESENT.
C           DIMENSION: ION CHARGE INDEX ( = Z+1 ).
C
C           (R*8) STAB(,) = QUANTUM DEFECTS FOR S.
C                       1ST DIMENSION: 3
C                       2ND DIMENSION: ION CHARGE INDEX ( = Z+1 ).
C           (R*8) PTAB(,) = QUANTUM DEFECTS FOR P.
C                       1ST DIMENSION: 3
C                       2ND DIMENSION: ION CHARGE INDEX ( = Z+1 ).
C           (R*8) DTAB(,) = QUANTUM DEFECTS FOR D.
C                       1ST DIMENSION: 3
C                       2ND DIMENSION: ION CHARGE INDEX ( = Z+1 ).
C

```

C ROUTINES:

ROUTINE	SOURCE	BRIEF DESCRIPTION
I4UNIT	ADAS	RETURNS UNIT NO. FOR OUTPUT OF MESSAGES.
R8P	ADAS	
R8QP	ADAS	

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C K1/0/81
C JET EXT. 5183

C DATE: 03/11/93

INTEGER	IZ0,	L,	N
REAL*8	E0,	ZEFF	