



C (R\*8) XND = REAL VALUE = N1-N.  
 C (R\*8) XNP = REAL VALUE = N1\*N.  
 C (R\*8) DE =  
 C (R\*8) ATE =  
 C (R\*8) Z2OMT =  
 C (R\*8) SUM = SUM OF 'FOMA' TERMS.  
 C (R\*8) W1 =  
 C (R\*8) OVL =  
 C (R\*8) XLN =  
 C (R\*8) XLG =  
 C (R\*8) Z2S =  
 C (R\*8) GAM =  
 C (R\*8) XL =  
 C (R\*8) XM =  
 C (R\*8) XP =  
 C (R\*8) CM =  
 C (R\*8) CP =  
 C (R\*8) D =  
 C (R\*8) E =  
 C (R\*8) F =  
 C (R\*8) G =  
 C (R\*8) H =  
 C (R\*8) T =  
 C (R\*8) Y =  
 C  
 C (R\*8) XA ( ) =  
 C (R\*8) WA ( ) =  
 C (R\*8) FOMA ( ) =  
 C  
 C (R\*8) FA ( , ) =  
 C

C ROUTINES:

ROUTINE	SOURCE	BRIEF DESCRIPTION
I4UNIT	ADAS	RETURNS UNIT NO. FOR OUTPUT MESSAGES.
CXOVLP	ADAS	
R8RD2B	ADAS	RETURNS HYDRONIC BOUND-BOUND RADIAL INTEGRALS.
R8FEEI	ADAS	

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

C DATE: 05/10/93

C VERSION : 1.2

C DATE : 11-04-2007

C MODIFIED : Allan Whiteford

C - Renamed R8OVLP to CXOVLP.

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C

C-----  
INTEGER IZ1, IZEFF, L, MXNSHL  
INTEGER N, N1  
REAL\*8 GAMA (MXNSHL), TEV