

## ADAS Subroutine xxsion

SUBROUTINE XXSION( SYMB , IZ , SION , LEN )

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C \*\*\*\*\* FORTRAN77 SUBROUTINE: XXSION \*\*\*\*\*

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C PURPOSE: RETURNS ION ELEMENT SYMBOL AND ION CHARGE AS A STRING  
C CONSTRUCTED AS FOLLOWS <SYMBOL><CHARGE>. IT ALSO RETURNS  
C THE LENGTH OF THE STRING.

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C CALLING PROGRAM: GENERAL USE

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C SUBROUTINE:

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C INPUT : (C\*2) SYMB = ION ELEMENT SYMBOL OF BEAM.

C INPUT : (I\*4) IZ = ION CHARGE

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C INPUT : (C\*4) SION = ION STRING '<SYMBOL><CHARGE>'.

C INPUT : (I\*4) LEN = LENGTH OF ION STRING.

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C (I\*4) I = LENGTH IN BYTES OF NON-BLANK 'DSNAME'.

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C ROUTINES: NONE

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C AUTHOR: JONATHAN NASH (TESSELLA SUPPORT SERVICES PLC)

C K1/0/87

C JET EXT. 5183

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C DATE: 21/12/93

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C UNIX-IDL PORT:

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C VERSION: 1.1 DATE: 16-11-95

C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)

C - FIRST VERSION

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CHARACTER*4	SION	
CHARACTER*2	SYMB	
INTEGER	IZ,	LEN