

ADAS Subroutine xxdata_35

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subroutine xxdata_35( iunit ,
&                    ndedge , ndpts ,
&                    iedge , ipts ,
&                    edge , energy , trans
&                    )
```

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C
C ***** FORTRAN77 SUBROUTINE: xxdata_35 *****
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C PURPOSE: To fetch data from an adf35 data set.
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C SUBROUTINE:
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C input : (i*4) iunit = unit to which input file is allocated
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C input : (i*4) ndedge = maximum number of energy edges
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C input : (i*4) ndpts = maximum number of energy points
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C output: (i*4) iedge = number of energy edges
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C output: (i*4) ipts = number of energy points
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C output: (r*8) edge() = energies of the edges (eV).
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C output: (r*8) energy() = tabulated energies (eV).
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C output: (r*8) trans() = tabulated transmission.
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C ROUTINES:
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C routine source brief description
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```
C i4unit ADAS fetch unit number for message output
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C VERSION : 1.1
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C DATE : 19-07-2003
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```
C MODIFIED : Martin O'Mullane
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C - First version
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C-----
INTEGER IEDGE, IPTS, IUNIT, NEDGE
INTEGER NDPTS
REAL*8 EDGE (NEDGE), ENERGY (NDPTS)
REAL*8 TRANS (NDPTS)
```