

NAME

ice – function

LIBRARYciaaw library (*libciaaw*, *-lciaaw*)**SYNOPSIS**

```
Fortran      function ice(s,A,u)result(res)  
              character(len=*), intent(in) :: s  
              integer(int32), intent(in) :: A  
              logical, intent(in), optional :: u  
              real(dp) :: res  
  
C            double ciaaw_ice(char *s,int n,int A,bool u);  
  
Python      ice(s:str,A:int,u:bool=False)->float:
```

DESCRIPTION

Get the isotopic composition of the element *s* for the mass number *A*. The uncertainty can be retrieved by setting *u*=TRUE.

Arguments:

<i>s</i>	Element symbol.
<i>A</i>	Mass number.
<i>u</i>	Set to True if the uncertainty is desired. Default to FALSE.

RETURN VALUE

NaN	If the provided element or the mass number are incorrect.
-1	If the element does not have an ICE.

SEE ALSO

ciaaw(3), ciaaw_cli(1), ciaaw_version(3), ciaaw_saw(3), ciaaw_ice(3), ciaaw_nice(3), ciaaw_naw(3), ciaaw_nnaw(3)