ADAS Subroutine a8gamg

```
       function a8gamg( a    , x )
c-----------------------------------------------------------------------
c
c  ********************* fortran77 function a8gamg ******************
c
c  purpose: to evaluate the incomplete gamma function gamma(a,x)
c           based on numerical recipes
c
c  calling program:  a8amax.for
c
c  input:
c            (r*8)  a      = parameter of p(a,x)
c            (r*8)  x      = parameter of p(a,x)
c  output:
c            (r*8)  a8gamg = incomplete gamma function gamma(a,x)
c                            (n.b. for x<0 principal value of
c                             logarithm is taken)
c
c
c  routines:
c             a8gser adas generates series expansion of gamma
c       a8gcf adas    generates continued fraction for gamma
c             a8gaml    adas    obtains log(gamma(a))
c
c  author:   Hugh Summers, University of Strathclyde ext.4196
c
c
c  version 1.1                              date:     27/06/99
c  modified: Hugh Summers
c - first release
c
c-----------------------------------------------------------------------
      REAL*8              A,           X
```