

## ADAS Subroutine sigmel

SUBROUTINE SIGMEL

IMPLICIT REAL\*8 (A-H,O-Z)

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C-----  
C  
C PURPOSE: Calculates rate coefficients for excitation by  
C           electron impact  
C  
C-----  
C  
C ADAS305 version. Developed from JETSHP.STARK.FORT (H P Summers).  
C  
C VERSION   : 1.1  
C DATE      : 24-02-2005  
C MODIFIED  : Martin O'Mullane  
C           - First version.  
C  
C VERSION   : 1.2  
C DATE      : 16-05-2007  
C MODIFIED  : Allan Whiteford  
C           - Updated comments as part of subroutine documentation  
C           procedure.  
C-----
```