

FORM TO SPECIFY  
SOUND-SPEED MODEL GAMRTDM

This model specifies sound speed in terms of a background temperature model using

$$c^2 = \frac{\gamma RT}{M} ,$$

where  $\gamma = 1.4$ ,  $R$  is the universal gas constant,  $T$  is the absolute temperature in Kelvins, and  $M(r, \theta, \phi)$  is a model of the mean molecular weight of the atmosphere. See Sec. 6.3 for further description of this model.

Specify --

The model check for GAMRTDM = 1.0 (W150)

OTHER MODELS REQUIRED: Any background temperature model; any molecular weight model.