PMIP4 PMOD_14C solar forcing data

The PMOD_14C data set provides annual mean spectral solar irradiance (**SSI**) and total solar irradiance (**TSI**) covering the 850-1850 time period.

SSI data are available for the spectral range 120-100000 nm, with resolution:

- 1 nm between 120 and 750 nm
- 5 nm between 750 and 5000 nm
- 10 nm between 5000 and 10000 nm
- 50 nm from 10000 nm

The spectral grid is identical to the spectral grid used for the CMIP SSI data set for the wavelength longer than 120 nm. The SSI data have been scaled to match CMIP SSI in 1850.

Data file and format

The data are available in simple text format with the description of the file structure in the header. In addition we provide a FORTRAN routine to read the data and transform them to a user defined spectral grid.

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