Long-Term Evolution of the Geospace Climate

Jan J. Sojka
Center for Atmospheric and Space Sciences
Utah State University
When I was a lad, a tiny wee lad
My mother said to me
Come see the Northern Lights my boy
They’re bright as they can be
She called them the heavenly dancers
Merry dancers in the sky
I’ll never forget, that wonderful sight
They made the heavens bright
The diagram shows a relationship between temperature (K) and energy flux (mW/m²). The data points are represented by different symbols, each corresponding to a specific dataset:

- Open circles (O) represent VUV data.
- Triangles (△) represent S2000 data.
- Diamonds (◇) represent NRL data.
- Squares (□) represent EUVAC data.

The temperature increases linearly with the energy flux. The graph is plotted with a linear scale for both the y-axis (Temperature in K) and the x-axis (Energy Flux in mW/m²).