

## **ESTIMATE OF THE LOCATION OF THE SOLAR WIND TERMINATION SHOCK**

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By August 2001, the heliosphere should be at “solar maximum conditions”, characterized by a complex magnetic field topology that has permeated the entire heliosphere and by a solar wind speed that is uniform in heliolatitude. Under these conditions, it is possible to employ a simple, spherically-symmetric model of solar modulation to explore fits to the energy spectra of anomalous cosmic rays. One of the parameters of the fit is the location of the solar wind termination shock. We will use such a model to fit the ACR energy spectra of several elements observed by cosmic ray instruments on the Voyager spacecraft to infer a new estimate of the location of the termination shock.

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