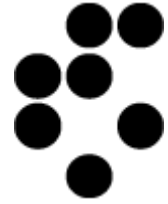


Influence of the solar activity on the background of a high-resolution gamma-ray spectrometer

M. Korun, T. Petrovič, B. Vodenik, B. Zorko

“Jožef Stefan” Institute, Jamova cesta 39, Ljubljana, Slovenia



Poster #4

- The solar activity and the background of a gamma-ray spectrometer were correlated.
- The total daily number of sunspots and the peak count rate at 2223 keV were examined.
- The long-term correlation corresponding to the 11-year solar cycle was observed.
- A short-term correlation with the number of sunspots was detected as well.
- The speed of the solar wind was assessed from the time dependence of the correlation.

