

Statistical correlation between solar flares and GLE during 2000

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Abstract. Using the 12NM64 and 45 plastic scintillators during 2000, both with rate recording sampling of less or equal to one minute a correlation among are location on the solar disk, are intensities with the cosmic rays intensities fluxes as seen at the Chacaltaya monitors are investigated in order to furnish the ux signature during the current solar maximum activity.

Search with the possible neutron content of the GLEs are also investigated using the Chree analyses on the uxes as seen by the neutron monitor as well as the $\sim 0.25 \text{ m}^2$ plastic detectors that are scattered in an area of $\sim 100 \text{ m}$ of cross section.