

Solar Neutron Decay Protons observed in 7 nov 2004

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Content

We have found an interesting event registered by the solar neutron telescopes installed at high mountains in Bolivia (5250m asl) and Mexico (4600m asl). The event was observed in November 7th of 2004 in association with a large solar flare X2.0. Some features in our registers and in two satellites (GOES11 and SOHO) reveal the presence of electrons and protons as possible products of neutron decay. Solar neutron decay protons (sndp) were recorded on board ISEE 3 satellite in June 3rd, 1982 (Evenson et al., 1983). On October 19th, 1989, the ground level detectors installed in Goose Bay and Deep River revealed the registration of solar neutron decay protons (sndp) (Shea et al., 1991). Therefore this is the second time that such evidence is registered on the Earth's surface

Summary

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