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## Injection of Energetic Particles on the Easter 2001 Solar Particle Event

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We have calculated the injection of solar energetic particles with relativistic energies in interplanetary space in the framework of the developed simulation of cosmic ray acceleration by shocks in the solar atmosphere. The comparison of the calculation results with particle injection in the Easter 2001 Solar Particle Event (April 15) shows that: 1) The levels of magnetic turbulence generated by the Alfvén waves are significantly different in the solar atmosphere and interplanetary space. The boundary of the abrupt junction lies at the 6 solar radii. 2) The levels of the turbulence behind and ahead of the shock front are the same.

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