EFFECTS OF THE TERMINATION SHOCK ON 16 MEV ELECTRON MODULATION

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The 'local' interstellar spectrum (IS) for cosmic ray electrons at energies of interest to heliospheric modulation studies is still basically unknown. For this work different published scenarios for the electron 'local' IS, and their subsequent modulation in the heliosphere are studied using a shock-modulation model. The effects of the heliospheric termination shock (TS) on each of these scenarios are illustrated, together with the subsequent effects on their modulation in the heliosphere.