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ATOMIC DATA AND SPECTRAL LINE INTENSITIES FOR NE III



Atomic Data and Spectral Line Intensities for Ne III

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BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Electron impact collision strengths, energy levels, oscillator strengths and spontaneous radiative decay rates are calculated for Ne III. The configurations used are $2s(\sup 2) 2p(\sup 4)$, $2s2p(\sup 5)$, $2s(\sup 2) 2p(\sup 3)3s$, and $2s(\sup 2)3p(\sup 3)3d$ giving rise to 57 fine-structure levels in intermediate coupling. Collision strengths are calculated at five incident energies, 5, 10, 15, 20, and 25 Ry. Excitation...

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