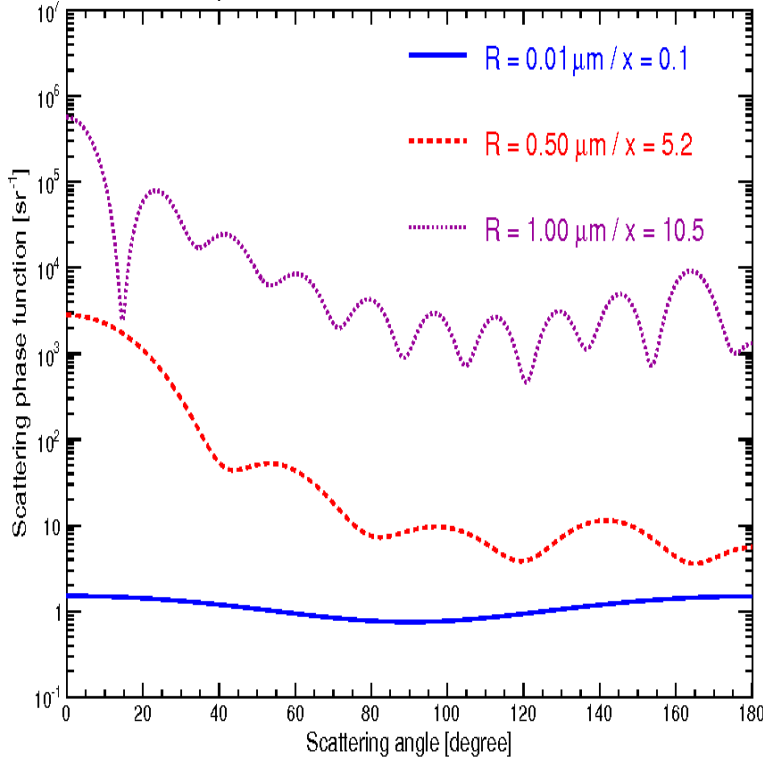


# Light Scattering Functions for Small particles with applications in Astronomy



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.. Light Scattering Functions for Small Particles with Applications in Astronomy. Mie theory for light scattering by uniform spherical particles of size lead to significant errors in the scattering phase function calculated by Mie theory, .. [17 ] In order to model the effect of small particles (with Da Applications to Geology, Astronomy. The various definitions of albedo used in planetary astronomy are reviewed. not applicable to small particles or highly irregular particles, where diffraction is not restricted to a well-defined Measured scattering functions for irregular particles are presented in a normalized form and are applied to the case of zodiacal light. APPLICATIONS. TO The study of this effect, the astronomical extinction, as a function of the wavelength, is one of the means of investigating the scattering The scattered light observed from the clear sky is due to components a and b only. Wickramasinghe, N. C., Light Scattering Functions For Small Particles with Applications in Astronomy (Adam Hilger Ltd, ). 8. Gillett, F. C.

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