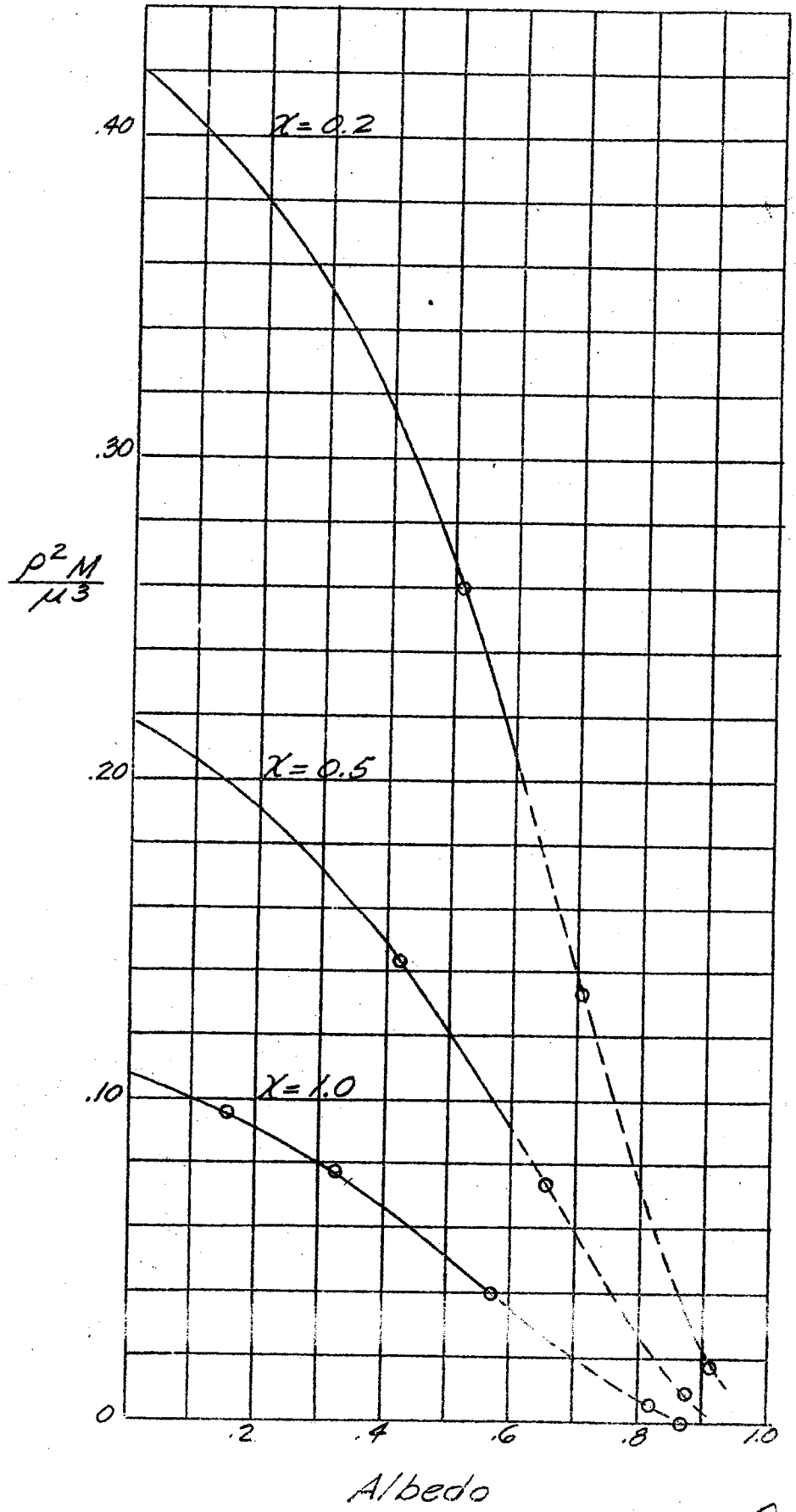Dependence of Critical Masses on Albedo