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**Abstract** : The elastic scattering differential cross section of 800 MeV/c mesons from and have been analyzed using the Ericsons parameterization for the phase shift. It is found that the parameter values as determined by fitting the experimental data for and using the Coulomb modified partial wave expansion for the scattering amplitude are significantly different from those obtained from the closed expression for the -nucleus amplitude derived under the strong absorption approximation. Next, using the phase shift as determined from the present analysis we calculate the optical model potentials for and by the method of inversion. The calculated potentials are compared with the recently determined

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