1023-35-775   **Alexander Tovbis*** (`atovbis@pegasus.cc.ucf.edu`), Dept. of Mathematics, UCF, Orlando, FL 32816. *On solitonless semiclassical solutions for the focusing Nonlinear Schroedinger Equation.* Preliminary report.

We consider the semiclassical limit for the focusing Nonlinear (cubic) Schroedinger Equation (NLS) in the pure radiational case. Given only the absolute value of the reflection coefficient on $\mathbf{R}$, subject to certain analyticity requirements, we present a method of constructing the leading order terms of the initial data and of its evolution until the first break. (Received September 21, 2006)