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Svetlana Roudenko* (roudenko@gwu.edu), Washington, DC 20052. *On thresholds for scattering and blow up in the nonlinear Schroedinger equation.* Preliminary report.

We consider the nonlinear Schroedinger equation with finite energy, finite variance initial data in the energy subcritical, critical and supercritical cases and discuss thresholds for scattering and blow-up. In particular, we discuss the global behavior of the modulated ground state. This is a joint work with Thomas Duyckaerts. (Received September 16, 2013)