1021-35-119 **Peter Polacik*** (polacik@math.umn.edu), School of Mathematics, University of Minnesota, 206 Church Streeet SE, Minneapolis, MN 55346. Large-time behavior in nonautonomous parabolic equations on \mathbb{R}^N .

We consider a class of superlinear nonautonomous parabolic equations on the whole space for which zero is an asymptotically stable steady state. We examine the large time behavior of solutions on the boundary of the domain of attraction of 0 (we refer to them as solutions on the threshold). We also show that all solutions above the threshold blow up in finite time. (Received August 31, 2006)