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Bin Guo*, 2990 Broadway, New York City, NY 10027. *On the Kahler Ricci flow on projective manifolds of general type.*

We consider the Kähler Ricci flow on a smooth minimal model of general type, and we show that if the Ricci curvature is uniformly bounded below along the Kähler-Ricci flow, then the diameter is uniformly bounded. As a corollary we show that under the Ricci curvature lower bound assumption, the Gromov-Hausdorff limit of the flow is homeomorphic to the canonical model. (Received July 31, 2015)