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Adam T. Ringler* (ringler@unm.edu), Department of Mathematics and Statistics, University of New Mexico, Albuquerque, NM 87131. *Effective Fiber Spaces for Threefolds.*

We prove that there exists a universal constant r_3 such that if X is a smooth projective threefold over \mathbb{C} with Kodaira dimension two, then the linear system $|rK_X|$ admits a fibration that is birational to the Iitaka fibration whenever $r \geq r_3$ and sufficiently divisible and where the divisibility criterion is independent of X . This affirms a recent conjecture of Hacon and McKernan in dimension three. Using different methods, Viehweg and Zhang have proven a stronger version of this result. (Received August 16, 2007)