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**Adam T. Ringler\*** ([ringler@unm.edu](mailto: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)