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Gareth Owen Jones*, Department of Mathematics, University of Manchester, Oxford Road, Manchester, M13 9PL, United Kingdom. *Powers are easy to avoid.*

Suppose that a set is definable in the expansion of the real field by restricted analytic functions, and is also definable in the expansion of the real field by the restricted exponential function together with all real power functions. Then the set is definable using just the restricted exponential function. So additional exponents can be avoided. I'll discuss the general result behind this, and how it can be seen as a polynomially bounded version of an old conjecture of van den Dries and Miller. This is joint work with Olivier Le Gal. (Received January 31, 2020)