



Mesozoic exhumation in the Pyrenees revealed by double zircon U/Pb and (U-Th)/He dating

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The advantage of using multi-dating techniques on single detrital grains, combining high-closure temperature system with low-temperature thermochronometers, have been raised by several studies with particular inferences from orogenic belts. We apply this technique to characterize the eroding landscape on both the Iberian and the European plates during the extreme Albian thinning of the continental lithosphere which has been recently inferred from field studies in the Pyrenees.