

ZIP folder	Sub-folder	File name	File format	Content
2021-004_Andrić-Tomašević-et-al_Data		2021-004_Andric-Tomasevic-et-al_Data-Description.pdf	.pdf	Description of data and methods
		2021-004_Andric-Tomasevic-et-al_List_of_all_files	.pdf	List of files
	2021-004_Andric-Tomasevic-et-al_Figures	2021-004_Andric-Tomasevic-et-al_Figure_S1	.jpg	Maps showing new and previous sample localities in the study area, topography, structural geologic features, apatite and zircon (U-Th)/He (AHe and ZHe, respectively) ages and apatite and zircon fission track (AFT and ZFT, respectively) ages.
		2021-004_Andric-Tomasevic-et-al_Figure_S2	.jpg	Maps showing new and previous sample localities in the study area, topography, structural geologic features, apatite and zircon (U-Th)/He (AHe and ZHe, respectively) ages and apatite and zircon fission track (AFT and ZFT, respectively) ages.
		2021-004_Andric-Tomasevic-et-al_Figure_S3	.jpg	Figure shows χ^2 misfit values evaluating the effect of location of the peak of parabolic uplift (in km) and width of the parabolic exhumation field (in km) on the predicted ages (AHe, AFT, ZHe and ZFT systems).
		2021-004_Andric-Tomasevic-et-al_Figure_S4	.jpg	Figure represents age (in Ma) - distance (in km) distribution of predicted and observed AHe, AFT, ZHe and ZFT thermochronometric ages resulted from a simulation with a parabola width of 100 km and its peak located at 60 km.
		2021-004_Andric-Tomasevic-et-al_Figure_S5	.jpg	The file contain age - distance distribution of predicted and observed ZHe ages evaluating the effect of the exhumation rates (in mm/yr, Fig. 5a) and basal temperature (in °C, Fig. 5b) on the shape of the exhumation field.
		2021-004_Andric-Tomasevic-et-al_Figure_S6	.jpg	The Figure shows the cumulative χ^2 misfit values evaluating the effect exhumation onset (in Ma), termination (in Ma) and rates (in mm/yr) on the predicted ages (AHe, AFT, ZHe and ZFT systems) located in Leones Valley.
	2021-004_Andric-Tomasevic-et-al_Figures	2021-004_Andric-Tomasevic-et-al_Table_S1	.xlsx/.pdf	Summary of new and published thermochronometric ages used for modelling including sample locations, elevation, lithology, stratigraphic age, AHe, AFT, ZHe and ZFT ages and references
		2021-004_Andric-Tomasevic-et-al_Table_S2	.xlsx/.pdf	Results on single grain apatite U-Th/He analysis
		2021-004_Andric-Tomasevic-et-al_Table_S3	.xlsx/.pdf	Summary of measured AFT thermochronometric ages
		2021-004_Andric-Tomasevic-et-al_Table_S4	.xlsx/.pdf	Details on measured AFT thermochronometric ages
		2021-004_Andric-Tomasevic-et-al_Table_S5	.xlsx/.pdf	Results on single grain zircon U-Th/He analysis
		2021-004_Andric-Tomasevic-et-al_Table_S6	.xlsx/.pdf	Summary of measured ZFT thermochronometric ages
		2021-004_Andric-Tomasevic-et-al_Table_S7	.xlsx/.pdf	Details on measured ZFT thermochronometric ages
		2021-004_Andric-Tomasevic-et-al_Table_S8	.xlsx/.pdf	Summary of performed numerical simulations