



Supplement of

The need for fission-track data transparency and sharing

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This supplementary file contains Figure S1, Table S1, and Table S2.

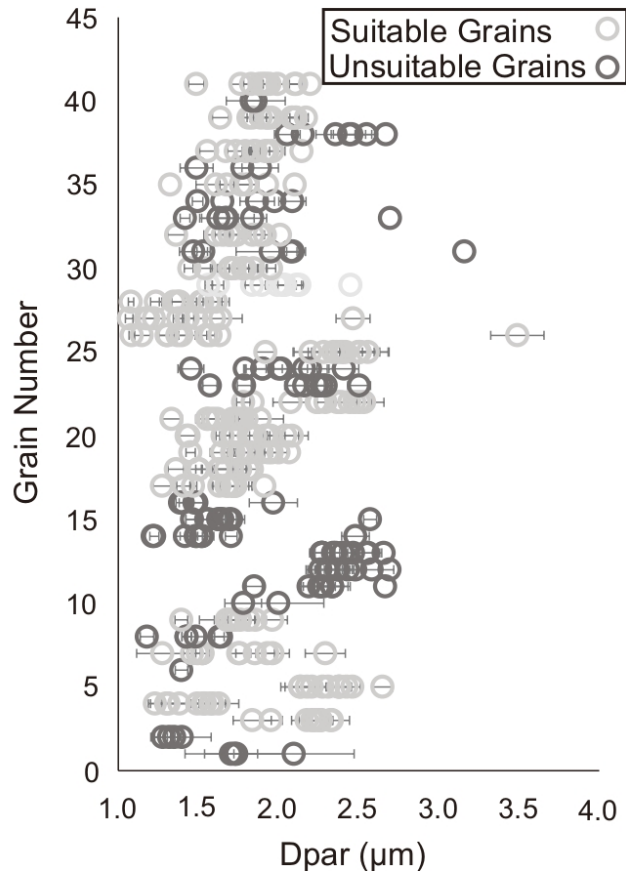


Figure S1: Dpar measurements on suitable (grey) and unsuitable (dark grey) grains. Each circle represents the mean (with an error bar showing one standard deviation, if reported) dpar for that grain. Values for suitable grains tend to cluster, with occasional outliers. Unsuitable grains tended to result in more dispersed results.

Table S1: List of participants. UT: University of Texas at Austin; ATOMKI: Institute for Nuclear Research, Debrecen, Hungary; UG: University of Göttingen; UO: University of Oklahoma; UM: University of Melbourne; IGG-CNR: Institute of Geosciences and Earth Resources, National Research Council of Italy; APLLC: Apatite.com Partners Limited Liability.

Analyst	Lab	Name & Affiliation at the time of participation
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5	5	Anonymous
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7	8	G. Jepson (UO)
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9	9	Anonymous
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13	12	Anonymous
14	13	Anonymous
15	14	Anonymous
16*	15	R. Donelick (APLLC)

Table S2: Summary of the graticule measurements. N=number of measurements; l_{mg} =mean measured length on graticule; σ = standard deviation of mean. Numbers in parentheses denote standard errors. Analyst numbers are replaced with letters to preserve anonymity at g@h. *: Technical problem with the xml file.

Analyst	Graticule 1				Graticule 2			
	Target Length (μm)	N	l_{mg} (μm)	σ (μm)	Target Length (μm)	N	l_{mg} (μm)	σ (μm)
b	100	10	99.83 (04)	0.13	100	25	99.98 (03)	0.14
n	20	20	19.91 (03)	0.13	10	100	10.04 (01)	0.10
g	100	1	99.71	N/A	N/A	N/A	N/A	N/A
o*	20	N/A	19.82	N/A	N/A	N/A	N/A	N/A
l	100	2	99.67 (13)	0.19	100	6	99.99 (16)	0.39