Supplement of

Relict Landscape Evolution and Fault Reactivation in the Eastern Tianshan: Insights from the Harlik Mountains

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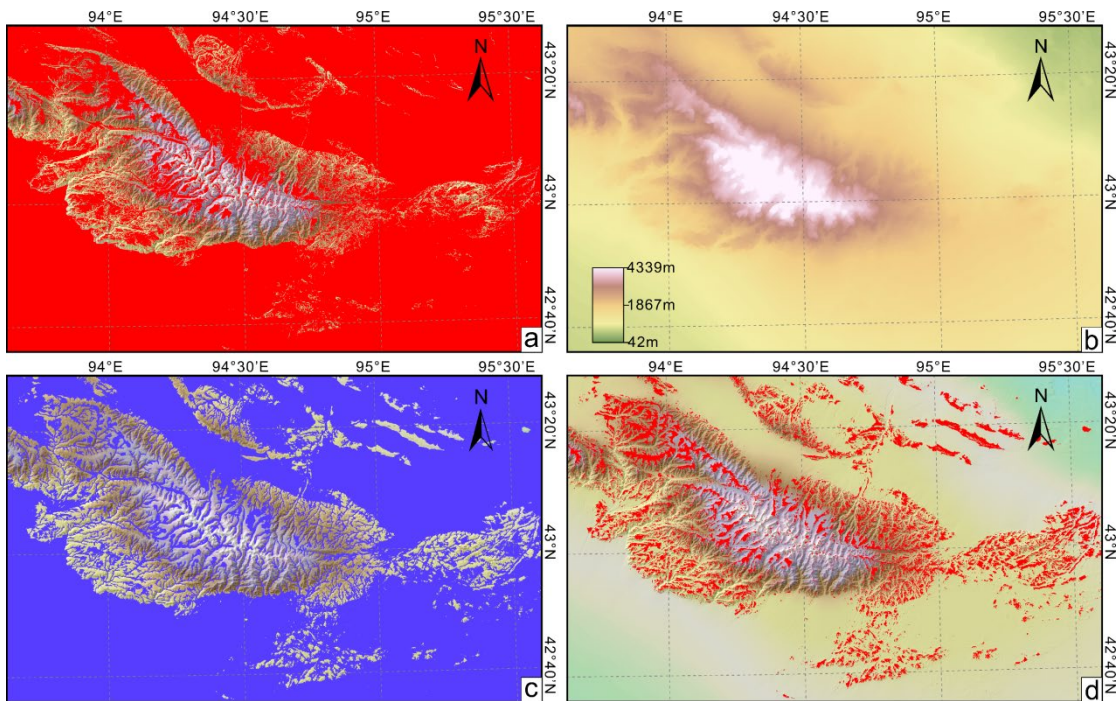
Figure S1 Extraction of relict surfaces: a. areas in and around the Harlik Mountains with slopes less than 14° (in red); b. the erosional base level resulting from interpolation between rivers (defined using a contributing-area threshold of 100 cells); c. areas in and around the Harlik mountain with a relative height (topography – erosional base level) of less than 40 m (in blue); d. resulting relict surfaces identified within the Harlik Mountains (in red).
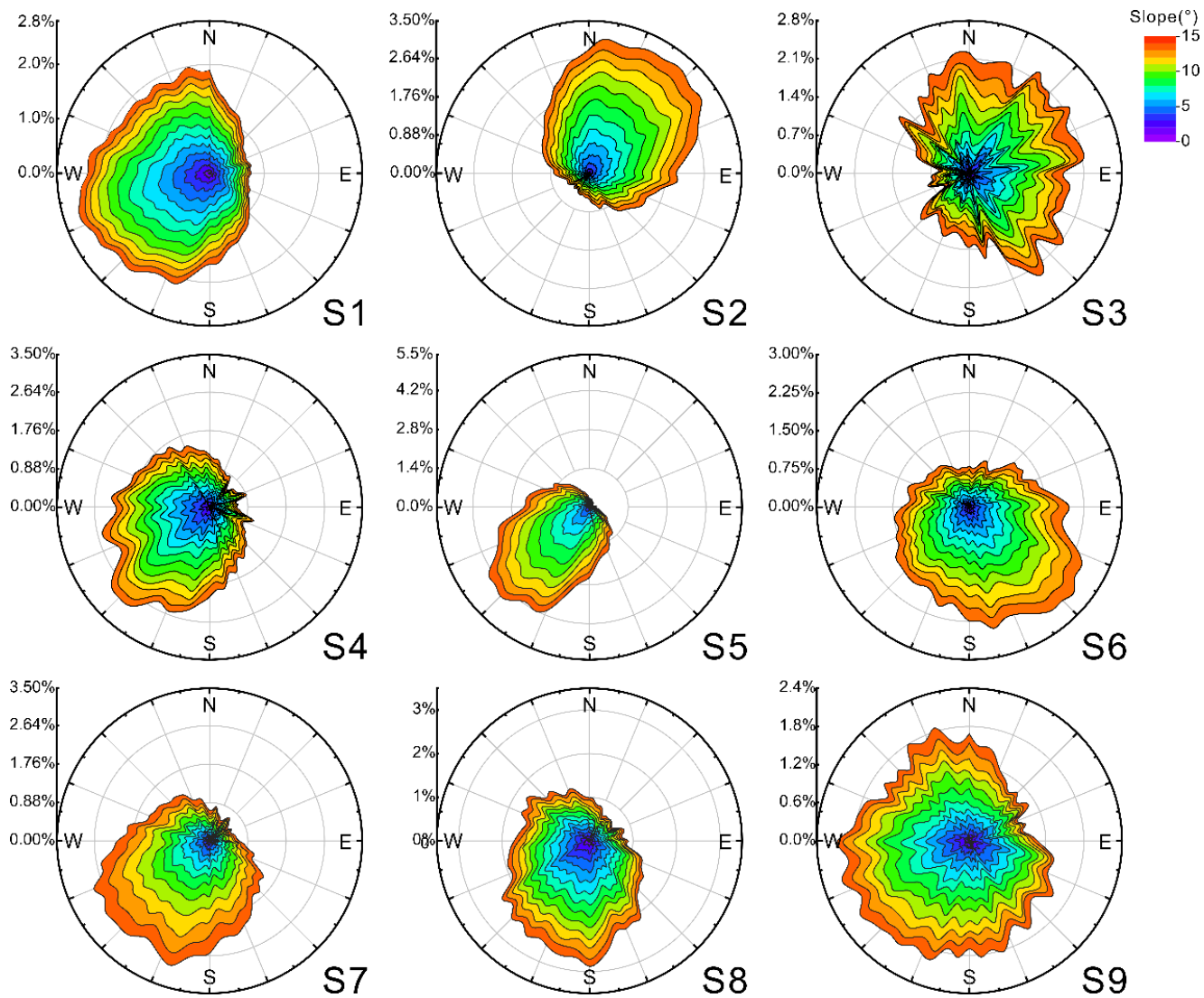
Figure S2 Slope-aspect rose diagrams of the identified relict surfaces in the Harlik Mountains.
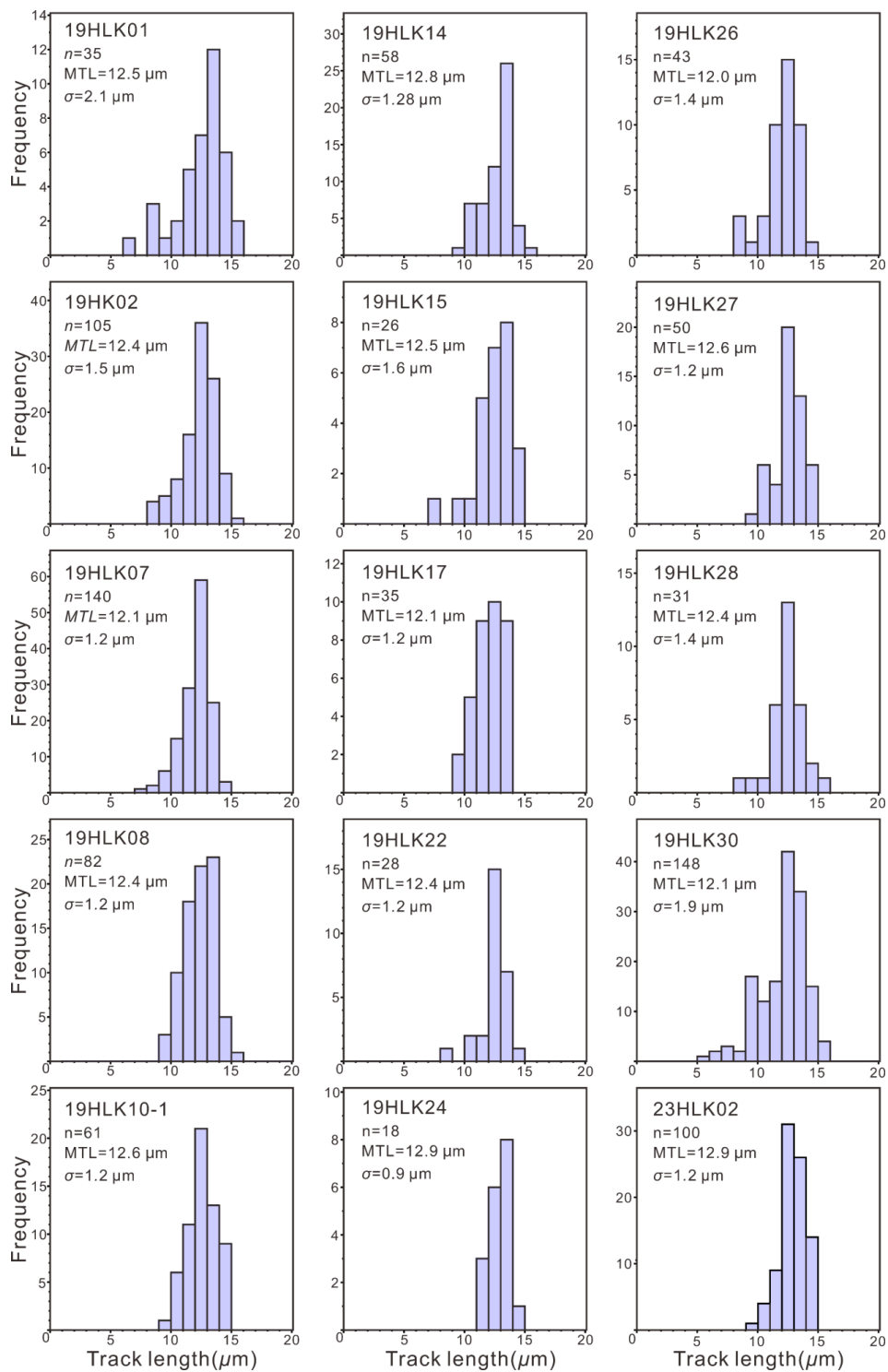
Figure S3 Confined AFT length distributions for each sample.
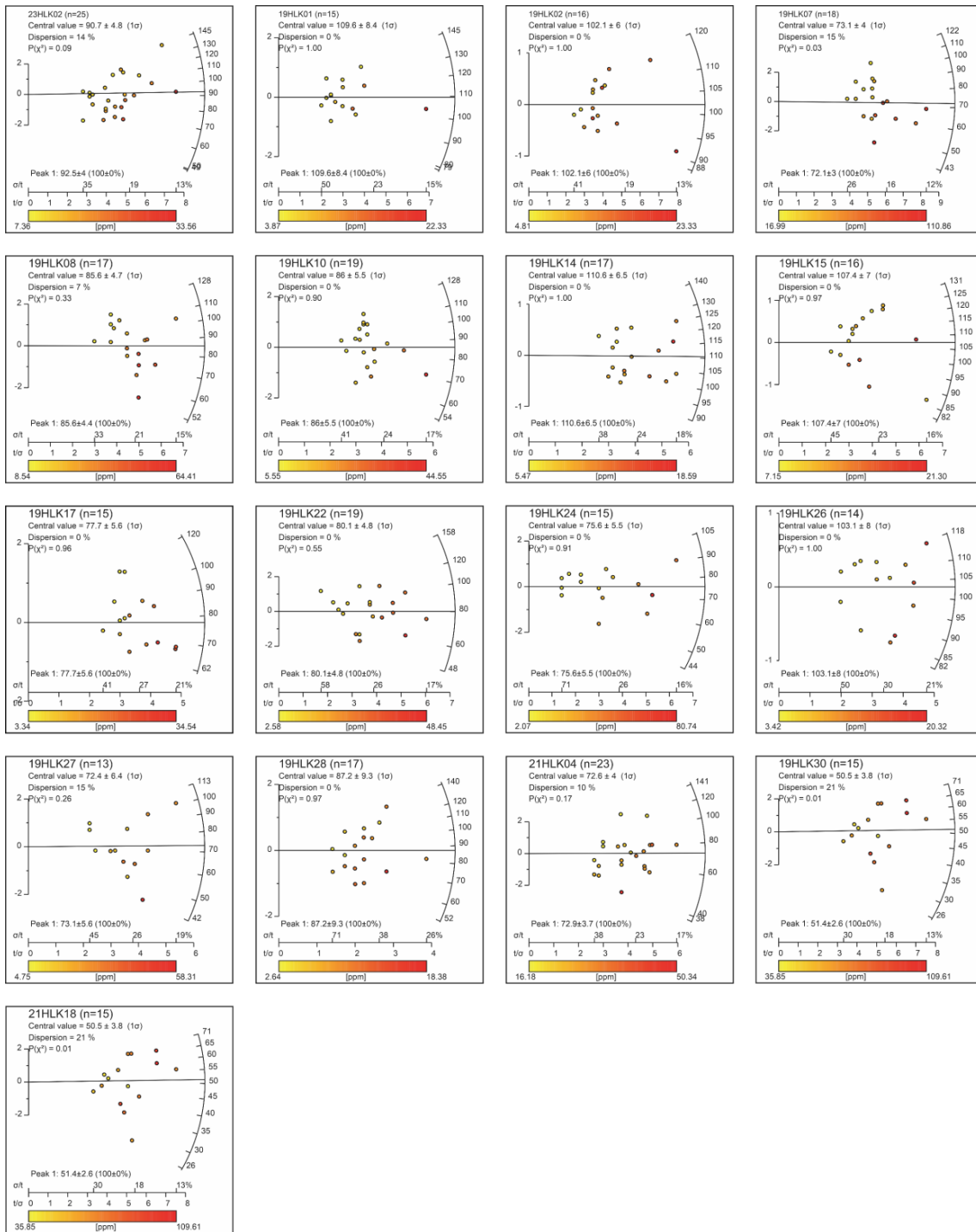
Figure S4 Radial plots of AFT single-grain age data of bedrock samples from the Harlik Mountains.