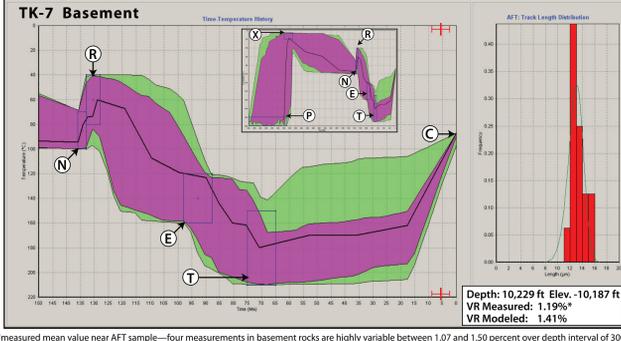
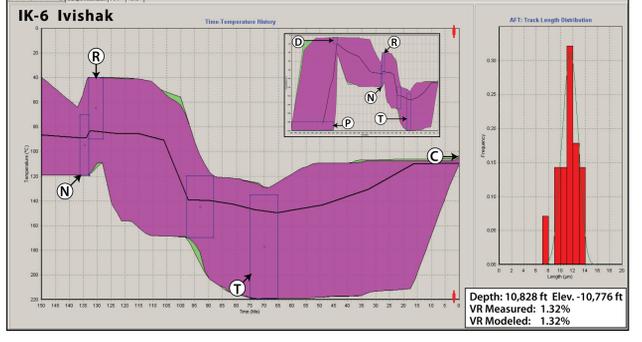
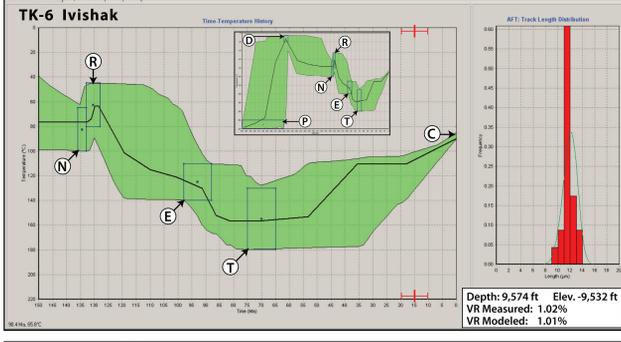
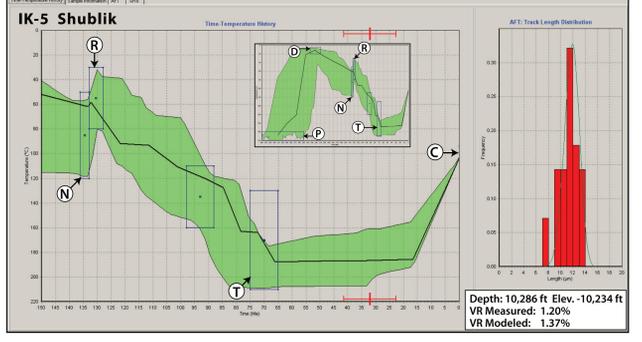
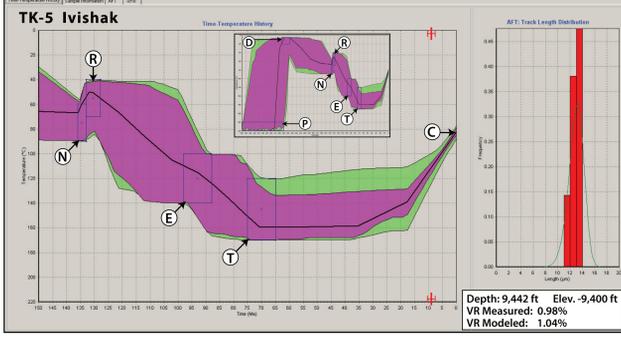
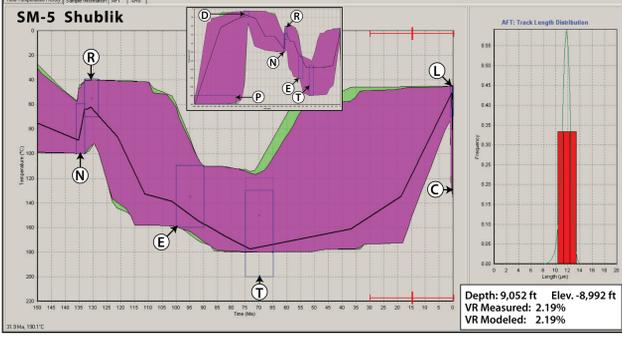
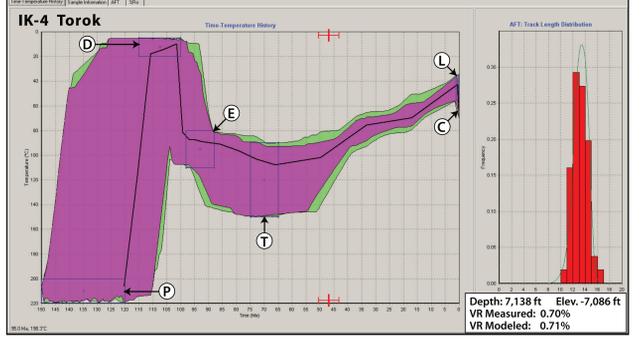
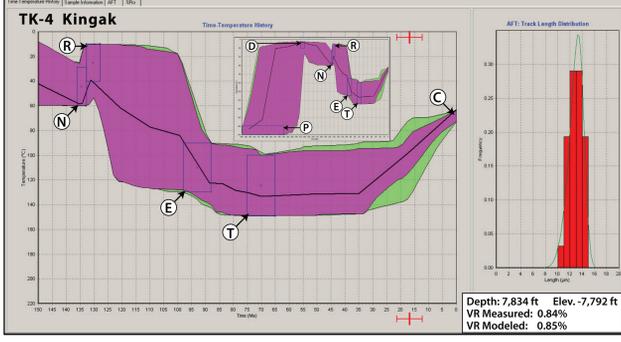
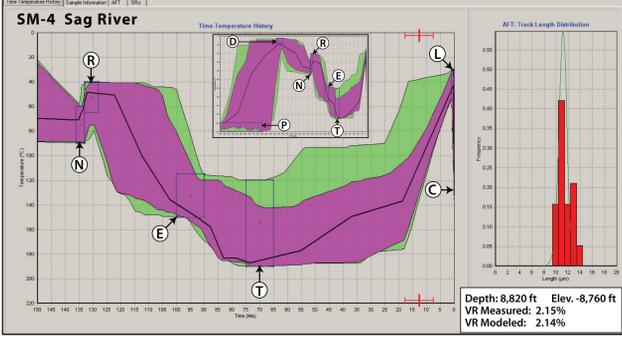
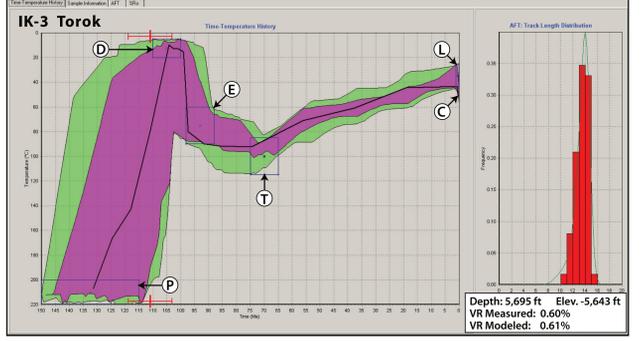
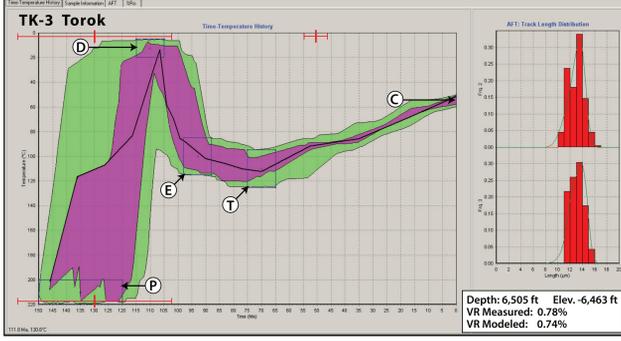
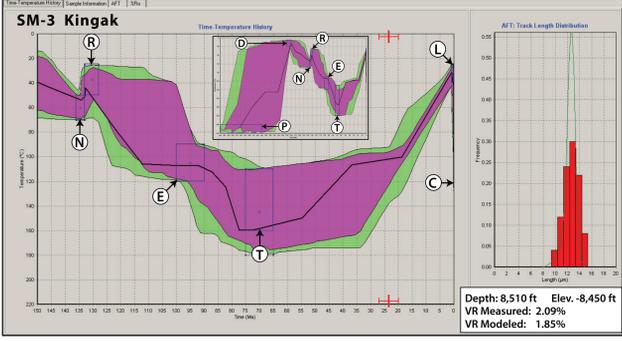
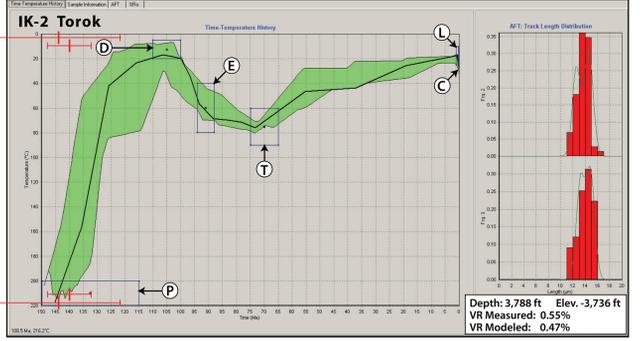
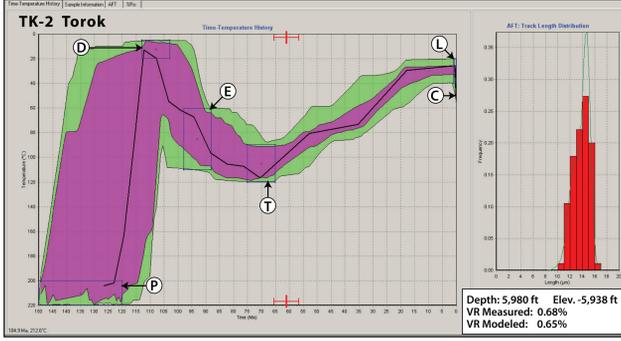
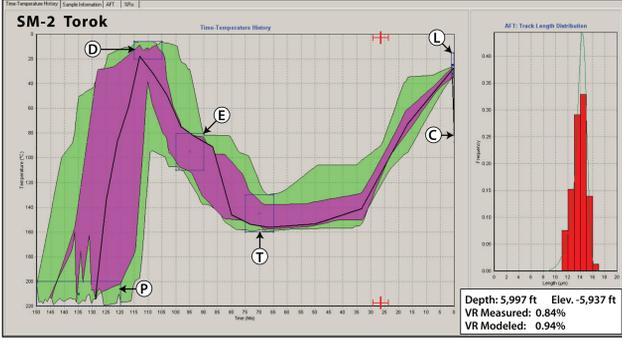
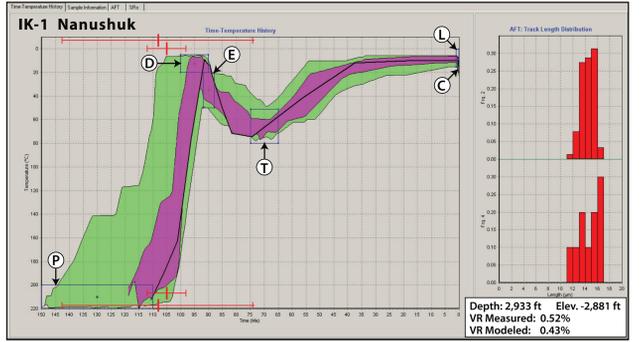
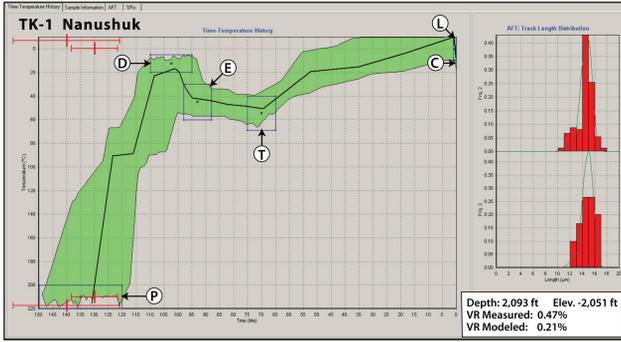
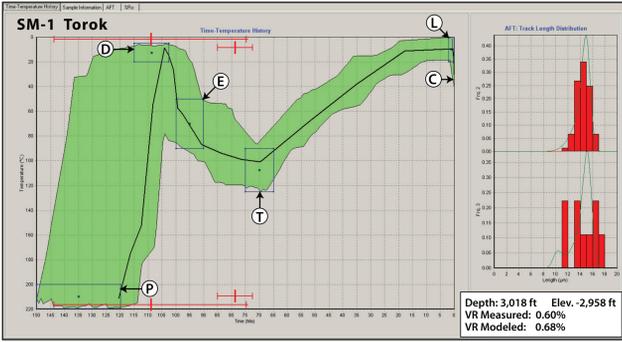


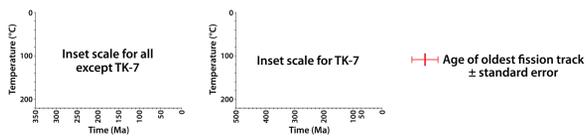
South Meade No. 1

Topagoruk No. 1

Ikpikuk No. 1



Modeling was conducted by generating time-temperature constraints based on stratigraphy and thermal history inferred from analysis of vitrinite reflectance data. These constraints represent estimates of time-temperature exposure for each sample during specific geologic events and are shown as labeled boxes whose dimensions reflect the uncertainty associated with age and temperature estimation. The number of "constraint boxes" was kept to the minimum necessary to adequately represent key geologic events that may have influenced temperature. Explanation of constraint box labels is provided at the right. See text for additional explanation.



- Explanation of labels for constraint boxes**
- Ⓒ Current temperature
 - Ⓕ Pliocene-Pleistocene low temperature (model outcome)
 - Ⓓ Early Tertiary deepest burial (high temperature)
 - Ⓔ End, Early Cretaceous burial
 - Ⓖ Rift shoulder uplift (Lower Cretaceous unconformity)
 - Ⓗ Neocomian deepest burial (high temperature)
 - Ⓗ Deposition of sample interval
 - Ⓔ Exposure of pre-Mississippian basement
 - Ⓐ Provenance—source of apatite at high temperature

Apatite Fission-Track Thermochronology—Time-Temperature Models for Samples from South Meade No. 1, Topagoruk No. 1, and Ikpikuk No. 1

By
David W. Houseknecht, Kenneth J. Bird, and Paul O'Sullivan
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