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Fission track sunbursts from dust particles record the uranium concentration and size of the particle. The tracks are from fission induced by irradiation of a dust particle on a piece of mica and are revealed by chemically etching the mica in hydrofluoric acid (about \( \times \) 2200 for background; \( \times \) 750 for insets). See page 255. [P. B. Price and R. M. Walker, Journal of Geophysical Research. 68, 4847 (1963)]