

Search for *r*-process ^{244}Pu in the K-Pg boundary layer

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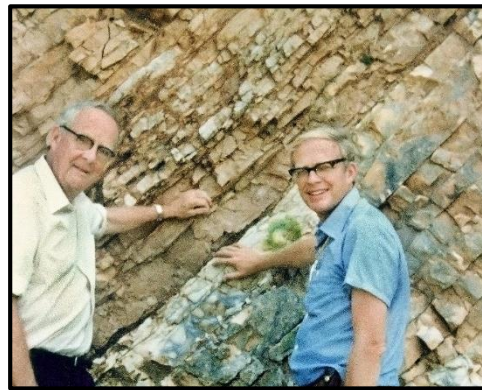
Asteroid

or



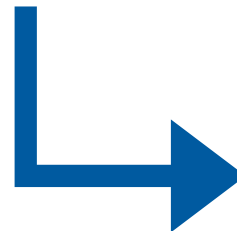
Supernova ?

66 Ma ago

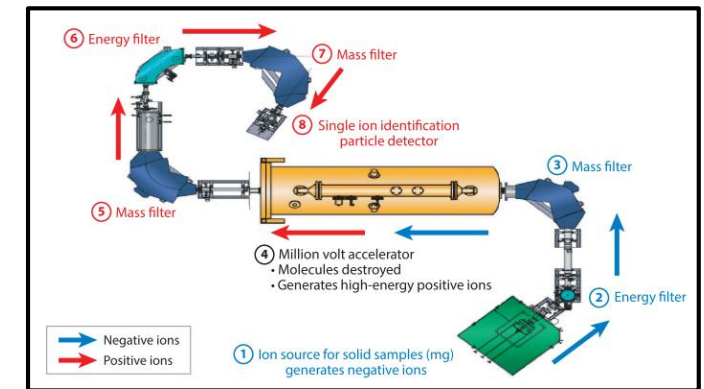


K-Pg boundary layer

Sample
preparation



	Pu 244
	$8.11 \cdot 10^7$ a
sf	α 4.589, 4.546
	γ , e^-
	σ 1.7



Accelerator Mass Spectrometry

High efficiency
Pu measurement
($\epsilon \sim 1\%$)