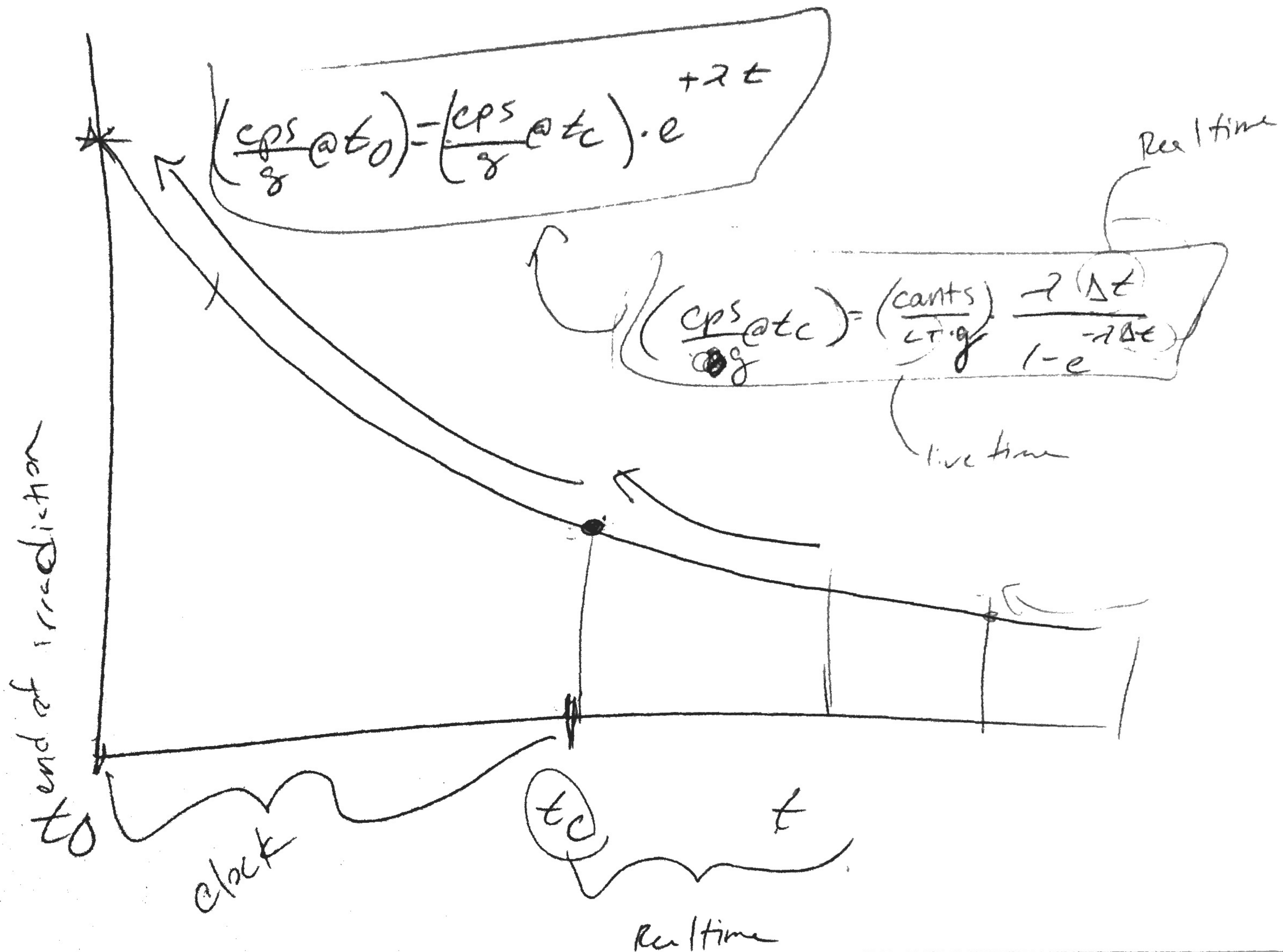


Sample  
mass  
live time

Isotope)	$1/2$ life	peak	counts	unc	$\frac{\text{cps}}{\text{g}}$	$\frac{\text{cpm}}{\text{g}}$	$\frac{\text{cpm}}{\text{g}} \times 10$
Na24		2754 1368 1					
Isotope 2							
,							
,							
,							

\* correct for decay during counting

\* correct for decay since irradiation



pottery

Sample

$$\checkmark \left( \frac{\text{cps}}{\text{g}} @ t_0 \right) \frac{\text{Na}^{24} \text{ at } 1368 \text{ keV}}{\text{concentration of Na}}$$

$$= \checkmark \left( \frac{\text{cps}}{\text{g}} @ E_0 \right) \frac{\text{Na}^{24} \text{ at } 1368 \text{ keV}}{\text{? constant of Na X}}$$

\* check pottery for ebl activity & potential interferences (Co-60, Eu-152, Cs-134, etc.)

\* check empty vial for contaminations

2093



New samples

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List

composition

>1% level

Medium . . . .

$^{24}\text{Na}$

NAA